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ABSTRACT

As part of an experimental project to investigate the feasibility of collecting, processing, and disseminating educational information in a standardized way regardless of language, 250 audiovisual aids (50 from each EUDISED member nation) were catalogued. Entries were selected by a designated national information agency in each member country and cover a wide range of topics and teaching levels. Information provided for each aid includes title, author, producer, physical description, content summary, language, intended audience, use or teaching objective, international interest, and availability. Subjects are indexed in French and English to facilitate international information searches. A directory of national information agencies is provided. (STS)

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EUDISED AV

BULLETIN

Experimental issue
Exemplaire expérimental

1976

IR004472

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DOCUMENTATION CENTRE FOR EDUCATION IN EUROPE
CENTRE DE DOCUMENTATION POUR L'ÉDUCATION EN EUROPE

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INTRODUCTION

An experiment to help in the international use of audiovisual teaching aids

An audiovisual teaching aid (such as a film, a set of slides, a sound recording, a video recording) which has been produced in one of the member states of the Council of Europe might also have educational value in another member state. Sometimes this is unlikely for linguistic, cultural or other reasons; but under the control of a skilled teacher audiovisual materials, when carefully selected, have a remarkable potential for conveying information and impressions in a wide variety of situations.

The cost in both money and professional effort of making audiovisual teaching aids of good quality can be so high that the possibility of shared international use calls for serious exploration. Even if an aid is not directly useable elsewhere, it may often be valuable as a source of ideas to a teacher or producer. Nor should one overlook that a teacher can easily suppress the sound track of a film or video recording and replace it by his own "live" commentary; in this way visual illustration can be transferred from one country to another despite language differences.

Practical obstacles will undoubtedly have to be overcome, including copyright and the sheer mechanics of conveying materials across national frontiers. However, there is an initial obstacle which must be surmounted before interchange can even be considered: the lack of information about what is available. Unless there is a system for giving access to information about the aids, their very existence will be unknown to those who might wish to obtain and use them.

This Bulletin is an experimental step in the development of such a system.

Background of the experiment

A preliminary study (1) of a feasible European information system for teaching aids has been carried out at the request of the Council of Europe.

This recommended against the regular production of a comprehensive printed European catalogue. Instead, it proposed the evolution of a communication network linking together the agencies in member states that already provide information services about teaching aids to educationists in their own countries. Enquiries could then be channelled to appropriate agencies anywhere in the network. A directory was prepared of some of the agencies that might participate in the network (2).

It was envisaged that many of the states would in due course maintain computerised data bases of their teaching aids. These bases could be used for the interchange of information through the network as long as compatible data-processing standards were adopted. Whether or not computers were used, however, common bibliographic standards would be necessary for effective international communication.

The concept of a computerised network for the exchange of educational information of all kinds has already been adopted (3) by the Council of Europe, to constitute a European Documentation and Information System for Education (EUDISED). The preparatory work for EUDISED has therefore concentrated on the development of bibliographic and data-processing standards for various classes of educational information including, as a sub-set, information about audiovisual teaching aids.

This work has now reached a stage where practical tests are needed of operational effectiveness. It is also desirable to investigate, by the production of tangible artefacts, the underlying hypothesis - that educationists would welcome the possibility of access to educational information arising anywhere in Europe. Accordingly, experiments are being carried out in the compilation and dissemination of information about research and development projects, educational periodicals, and audiovisual teaching aids.

The present experimental Bulletin has therefore been prepared to test the standards and techniques as they relate to audiovisual teaching aids. It has two objectives: to investigate whether it is in fact feasible to collect, process and disseminate educationally useful information in a standardised way regardless of the languages and

educational systems of the countries producing them ; and to promote discussion about the desirability of more systematic arrangements for the provision of information. The results of the experiment should be of assistance to those concerned with the further development of the EUDISED programme.

The contents of the experimental Bulletin

250 audiovisual teaching aids are listed, made up of 50 aids produced in and available from each of these countries : France, Federal Republic of Germany, Netherlands, Sweden and the United Kingdom. The aids cover a wide range of educational topics and of teaching levels. The descriptions concentrate on educationally significant information - detail has been kept to a minimum, on the assumption that anyone seriously interested in obtaining one of the aids for use in his country will in any case first wish to seek further information related to his particular needs from those originally concerned with the production or use of the item.

How the items were selected and reported

The Council of Europe arranged that a single organisation in each of the five participating countries should act as a "national information agency" for the purpose of the present experiment.

Each information agency was asked to report 50 items on a form that was standardised in consultation with the agencies. Selection of the items was carried out by the agencies within a general requirement of prima facie international interest and usefulness. At this experimental stage, more precise criteria for selection could not be specified. An agency could provide information from its own files or from other agencies within its country, as it wished.

Reports were required to be made in one of the two official languages of the Council of Europe, namely ; English and French. This involved all except the French and the United Kingdom agencies in translating their domestic descriptions. For this reason, and to lessen problems of intelligibility arising from differences in educational systems, the agencies were asked to select where appropriate descriptive terms from the EUDISED Multilingual Thesaurus (4).

Editing the descriptions

Consistency of description is clearly desirable, but is especially difficult to achieve when international reporting is involved. Although the information agencies followed their detailed guidance notes with commendable precision, a certain amount of editing of descriptions and translation has been necessary for the desired level of consistency and clarity. It has not been practicable to check the revisions with the information agencies, and responsibility for any consequent ambiguities or errors rests with the Council of Europe consultant (who has not, however, attempted to verify the accuracy of the information originally reported).

It was decided at the editing stage not to signal EUDISED Thesaurus descriptors in the description of contents except where the use of technical terms made this desirable.

The index entries, which are provided in both English and French for every item, were prepared as part of the editing process on the basis of the descriptions provided. Once again, it was not practicable to check with the information agencies, who are therefore not responsible for the selection or presentation of the information. It should be emphasised that the preparation of an index entry without the opportunity of direct examination of the item has inevitable limitations.

Organising and processing the data

In deciding on the selection of data elements and their bibliographic presentation, use was made of the draft Media Cataloguing Rules of the (British) Library Association (5).

Indexing used the Preserved Context Indexing System (PRECIS) (9) (10), developed by the British National Bibliography (now within the British Library). The preparation of the French index was done as an experiment within a research and development programme of the British Library.

Processing such a relatively small quantity of data by computer is probably not economic in a narrow sense. However, for the practical realisation of the EUDISED concept, computerisation will almost certainly be necessary. It was therefore decided, as part of the experiment, to have the Bulletin prepared by computer in order to test some of the data processing procedures already designed for or available to EUDISED.

Computer input codes were drawn from the Draft EUDISED Format (6), the EUDISED Film Format (7) and the EUDISED Preliminary Study for the Design of a Coding System (8).

The data were computer processed in a IBM 360/40 machine, using a modification of the British Library's Software Package. The data are held on magnetic tape. It may be possible to provide to member states a copy of the tape for experimental purposes on request to the Council of Europe consultant.

Photocomposition of the output text used a program developed by Computaprint Ltd.

Acknowledgements

The preparation of this Bulletin has been very much a co-operative effort, involving a considerable amount of detailed work by a number of people. The experiment has shown that handling information from a number of national sources is no light task, and requires adequate resources.

Special thanks are due to the following:

Translating and printing the report forms and associated notes: Council of Europe.

Completing the report forms: the national information agencies and the organisations they in turn called on.

Preliminary editing of the report forms, and checking the translations: Council of Europe.

Technical editing, classification, indexing in English: Mr. D. Ferris.

Indexing in French: British Library.

Data processing: British Library.

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for EUDISED AV

REFERENCES

1. Gilbert, L. A. A European Information System for Nonbook Materials Suitable for Educational Use. In: EUDISED Technical Studies 1973-74. Strasbourg: Council of Europe, 1974.

2. Gilbert, L. A. Audiovisual Materials Suitable for Educational Use: Pilot Directory of National Information Agencies within the Council of Europe. Council for Educational Technology, 1975 (limited circulation).

3. Report of EUDISED Steering Group. Council of Europe. Documentation Centre for Education in Europe. Information Bulletin 2/1972.

4. Viet, J. (ed). EUDISED Multilingual Thesaurus for Information Processing in the Field of Education, prepared for the Council of Europe. English, French and German versions. Paris and The Hague: Mouton, 1973. ISBN 2-7193-0937-0.

   Thesaurus EUDISED adaptacao lingua portuguesa. Rio de Janeiro: INEP, 1974. Ed. preliminar, circulacao restrita.

   EUDISED thesaurus multilingüe para el tratamiento de la información relativa a la educación. Paris and The Hague: Mouton, 1976.

   EUDISED Multilingual Thesaurus for Information Processing in the Field of Education, prepared for the Council of Europe. Dutch version. In press.

5. Library Association, Britain, Media Cataloguing Rules Committee. Non-book Materials Cataloguing Rules: integrated code of practice and draft revision of the Anglo-American Cataloguing Rules British Text Part III. London: National Council for Educational Technology with the Library Association, 1973. ISBN 0-902204-22-X.

6. Linford, J. E. Draft EUDISED Format. In: EUDISED Standards, Formats and Character Representation. Strasbourg: Council of Europe, 1973.

7. Gorman, M. EUDISED Film Format. In: EUDISED Technical Studies 1973-74. Strasbourg: Council of Europe, 1974.

8. Shifrin, M. Preliminary Study for the Design of a Coding System to Identify the Physical Forms of Both Book and Non-book Educational Materials. In: EUDISED Technical Studies 1973-74. Strasbourg: Council of Europe, 1974.

9. Austin, D. and Butcher, R. PRECIS: A rotated subject index system. London: British National Bibliography, 1969. Also a supplement.

10. Austin, D. PRECIS Indexing. The Information Scientist, 5(3) September 1971, 95-114.

NOTES FOR THE READER

HOW TO OBTAIN AN AID OR GET FURTHER INFORMATION

A request for a copy of an aid, or for further information about it, should be addressed directly to the information agency named in the entry, and not to the Council of Europe or its consultant.

However, the consultant would be grateful for a copy of any communication, to help him in monitoring the use made of the Bulletin.

Communications should name this Bulletin and should quote the item reference number, if any, and the Bulletin entry number (eg eav 123).

APPRAISING THE EXPERIMENT

The Bulletin was prepared as an experiment among whose objectives was an investigation of the feasibility of providing useful information about teaching aids regardless of the languages and educational systems of the countries producing them.

This question can only be answered by the user of the Bulletin. Every recipient is therefore earnestly invited to send his comments, and those of his colleagues, to the Council of Europe consultant as soon as possible. Observations would be especially welcome on the form of the descriptions rather than on the educational quality or relevance of particular aids.

It may be found helpful to use the enclosed questionnaire.

It is hoped to organise a special meeting in 1977 to appraise this experiment and to discuss development of a European information network for audiovisual teaching aids.

NOTES ON THE PRESENTATION OF INFORMATION IN AN ENTRY

Items have been classified according to a simplification of the Universal Decimal Classification (3rd Abridged English Edition, 1961). An outline of the main divisions covered by the materials is given on p. XII.

The class number appears at the head of each entry. The entries are set out in order of class number, regardless of country of origin, to facilitate searching in relation to subject matter. For more detailed searching the index may be consulted. This normally has more than one entry for each aid. The number attached to each index statement is the class number assigned to the entry.

The following notes apply to the information given in an entry. (Headings shown below in brackets do not appear in the entry itself.) A particular entry may not contain information under every heading.

(Title)	The title in the original language followed, where the original language is not English or French, by a translation into English enclosed in brackets.
Author	The person chiefly responsible for the intellectual or artistic content of the aid.
Presenter	The presenter, lecturer, narrator or demonstrator seen or heard in the recording.
(Producer)	Country of origin, followed by the name of the publisher, manufacturer, institution or organisation responsible for production. The address has been omitted on the assumption that initial enquiries are best addressed to the information agency. The actual or estimated date of production is given, where available.

(Physical description)

The information is intended to give a general indication of the make-up of the aid and of the type of equipment needed to use it. For practical reasons the information has been kept as brief as possible. If more precise technical details are required they should be sought from the information agency. In certain cases the availability of alternative formats to suit other types of equipment is indicated.

Where the aid consists of more than one item, the physical description of each item is included.

The duration of a sound recording or video recording means the total duration. Thus, if the aid includes two sound recordings whose separate durations are each 30 minutes, the description states 60 minutes.

In the case of a video recording, the information given should enable a technical expert to say whether a suitable replay machine is available (possibly of a different make from that stated).

Where both a film and a video recording are shown, these are alternative formats of the same content unless otherwise stated.

Where a sound recording carries electronic pulses to actuate automatic picture change of an associated slide set or filmstrip, synchronisation is indicated. For technical reasons, automatic synchronisation is not always transferable between machines, and it would be advisable if possible to obtain a copy of the script with change cues marked so that pictures can be changed manually.

Transparency means the material used on an overhead projector.

Contents

Language

Audience

Use or Teaching Objectives

Between them, these details are intended to enable a judgment to be made of the suitability of the aid for a particular purpose, bearing in mind that an aid produced for one purpose is sometimes valuable in a different context when used appropriately. A descriptive term enclosed in slashes (eg /group work/) has been taken from the EUDISED Multilingual Thesaurus (4), which may be consulted to clarify the meaning in the user's situation. In some cases the term has been selected by the editor on the basis of the information supplied.

International interest

The language named is that of any sound track, projected captions or accompanying printed materials. (A sound track can easily be suppressed, and can be replaced by the teacher's live commentary.) In some cases, as indicated, versions are available in more than one language.

Availability

Details of charges for hire or sale have not been included, as they may change from time to time. They may be requested from the information agency.

Research and evaluation reports

Reports, whether published or otherwise available, describing researches undertaken in planning the aid or in evaluating its teaching effectiveness.

Information agency

The national organisation responsible for reporting the information to the editor. The full name and address are given on p.XI.

Reference number

The producer's number, if any; to be quoted in enquiries.

(Entry number) — Eg eav 123. This should be quoted in enquiries to identify the item positively.

/Abbreviations/

min = minutes
col = colour
bw = black and white

DIRECTORY OF NATIONAL INFORMATION AGENCIES

INRDP Paris
Institut National de Recherche et de Documentation Pédagogiques
29 rue d'Ulm
75230 Paris Cedex 05
France

FWU Munich
Institut für Film und Bild in Wissenschaft und Unterricht
Bavaria-Film-Platz 3
8022 Grünwald/München
Federal Republic of Germany

NBLC The Hague
Nederlands Bibliotheek en Lectuur Centrum
Taco Scheltemstraat 5
Den Haag
Netherlands

NSBE Stockholm
National Swedish Board of Education
Karlavagen 108
Fack
S-106 42 Stockholm
Sweden

CET London
Council for Educational Technology for the United Kingdom
3 Devonshire Street
London W1N 2BA
United Kingdom

UNIVERSAL DECIMAL CLASSIFICATION: OUTLINE OF THE MAIN DIVISIONS FOR WHICH REPORTS ARE INCLUDED

Generalities

05 Periodicals. Reviews
07 Newspapers. Journalism
08 Polygraphies. Collective works

1 Philosophy. Metaphysics. Psychology. Logic. Ethics and Morals

15 Psychology
17 Ethics. Moral science. Convention

2 Religion, Theology

26 The Christian church in general
29 Non-Christian religions. Comparative religion

3 Social Sciences. Economics. Law. Government. Education

30 General sociology. Sociography
31 Statistics
32 Political science. Politics. Current affairs
33 Political and social economy. Economics
34 Jurisprudence. Law. Legislation
35 Public administration. Military science. Defence
36 Social relief and welfare. Insurance
37 Education
39 Ethnography. Custom and tradition. Folklore

5 Mathematics and Natural Sciences

51 Mathematics
52 Astronomy. Surveying. Geodesy
53 Physics and mechanics
55 Geology. Meteorology
56 Paleontology
57 Biology. Anthropology
58 Botany
59 Zoology

6 Applied Sciences. Medicine. Technology

61 Medical sciences. Health and safety
62 Engineering and technology generally
63 Agriculture. Forestry. Stockbreeding. Fisheries
65 Commercial, office, business techniques. Management. Communications. Transport
66 Chemical industry. Chemical technology
67 Manufactures, industries and crafts
69 Building industry, materials, trades, construction

7 The Arts, Recreation, Sport, etc.

72 Architecture
73 Sculpture and the plastic arts
74 Drawing and minor arts and crafts
75 Painting
76 Engraving and prints
77 Photography, Cinematography, etc.
78 Music
79 Entertainment, Pastimes, Games, Sport

8 Literature, Belles Lettres

80 Generalities, Rhetoric, Criticism
82 Literature of the Western countries, English literature
84 Romance literature, French literature

9 Geography, Biography, History

91 Geography, exploration and travel
93 History in general, Sources, Ancient History
94 Mediaeval and modern history
940 History of Europe
950 History of Asia
960 History of Africa
970 History of North America

INTRODUCTION

Expérience tendant à faciliter l'utilisation de moyens d'enseignement audio-visuels au niveau international

Un moyen d'enseignement audio-visuel (par exemple, un film, un jeu de diapositives, un enregistrement sonore, un enregistrement vidéo) qui a été produit dans l'un des Etats membres du Conseil de l'Europe pourra également présenter un intérêt éducationnel dans un autre Etat membre. Parfois, de telles retombées paraissent peu probables en raison de facteurs linguistiques, culturels ou autres ; mais sous la direction d'un professeur expérimenté les moyens audio-visuels, à condition d'être soigneusement sélectionnés, sont remarquablement aptes à transmettre des informations et des impressions dans des situations très diverses.

La confection de moyens pédagogiques audio-visuels de qualité peut exiger beaucoup d'argent et beaucoup d'efforts de la part des spécialistes ; c'est pourquoi il convient d'explorer sérieusement la possibilité d'une utilisation commune au niveau international. Même si un moyen n'est pas directement utilisable ailleurs, il arrive souvent qu'un enseignant ou un fabricant y puise des idées précieuses. Au surplus, il ne faut pas oublier qu'un professeur peut facilement supprimer la bande sonore d'un film ou d'un enregistrement vidéo et la remplacer par son propre commentaire "en direct" ; on peut ainsi transférer l'illustration visuelle d'un pays à l'autre en dépit des différences de langues.

Il faudra certainement surmonter des obstacles d'ordre pratique, notamment en ce qui concerne les droits de reproduction et les procédures à suivre pour que le matériel puisse franchir les frontières nationales. Quoi qu'il en soit, il y a un obstacle initial qu'il faudra surmonter avant même que des échanges puissent être envisagés : nous voulons parler du manque d'informations au sujet des réalisations disponibles. S'il n'est pas institué de systèmes permettant d'accéder aux informations relatives aux moyens pédagogiques, l'existence même de ces moyens restera ignorée de ceux qui seraient susceptibles de se les procurer et de les utiliser.

Le présent Bulletin est une étape expérimentale dans l'élaboration d'un tel système.

Contexte général de cette expérience

Il a été procédé, à la demande du Conseil de l'Europe, à une étude préliminaire (1) relative à un système d'information européen praticable pour les moyens d'enseignement.

Il est ressorti de cette étude qu'il était préférable de ne pas publier régulièrement de catalogue européen exhaustif. Il a été proposé, à la place, de développer un réseau de communications reliant entre elles les agences des Etats membres qui assurent d'ores et déjà, au bénéfice de leurs éducateurs nationaux, un service d'information sur les moyens d'enseignement. Les demandes d'informations pourraient alors être dirigées sur l'agence appropriée en n'importe quel point du réseau. Il a été établi un répertoire de certaines des agences susceptibles de participer au réseau (2).

On est parti du principe selon lequel un grand nombre des Etats en viendront tôt ou tard à gérer des bases de données informatisées de leurs moyens d'enseignement. Ces bases pourraient servir aux échanges d'informations par le canal du réseau, sous réserve de l'adoption de normes informatiques compatibles. Toutefois, que l'on utilise ou non des ordinateurs, il sera nécessaire d'élaborer des normes bibliographiques communes pour assurer une communication internationale efficace.

L'idée d'un réseau informatisé pour l'échange d'informations de toutes sortes en matière d'éducation a déjà été adoptée (3) par le Conseil de l'Europe, dans la perspective de l'élaboration d'un système européen de documentation et d'information en matière d'éducation (EUDISED). Les travaux préparatoires pour EUDISED ont par conséquent porté principalement sur la définition

de normes bibliographiques et informatiques applicables à diverses catégories d'informations pédagogiques, et notamment à cette sous-catégorie que représentent les informations sur les moyens d'information audio-visuels.

Ce travail en est parvenu à un stade où il apparaît nécessaire de mettre à l'épreuve l'efficacité opérationnelle. Il est souhaitable aussi d'essayer de vérifier, à l'aide de réalisations concrètes, l'hypothèse de départ, à savoir que les éducateurs se féliciteront de constater qu'il est possible d'accéder à des informations pédagogiques dans n'importe quelle partie de l'Europe. En conséquence, il est procédé actuellement, à titre expérimental, à la collecte et la diffusion d'informations sur des projets de recherche et de développement, des périodiques spécialisés dans le domaine de l'éducation et des moyens d'enseignement audio-visuels.

Le présent Bulletin expérimental a donc été établi dans le but de tester les normes et les techniques dans leurs relations avec les moyens d'enseignement audio-visuels. Il répond à un double objectif : d'une part, déterminer s'il est possible concrètement de collecter, traiter et diffuser, dans des conditions normalisées, des informations présentant un intérêt éducatif quels que soient la langue et le système pédagogique du pays les fournissant ; d'autre part, encourager le débat sur l'opportunité de structurer davantage l'activité d'information. Les résultats de cette expérience devraient être utiles à ceux qui s'intéressent à l'expansion du programme EUDISED.

Contenu du Bulletin expérimental

Le Bulletin énumère 250 moyens d'enseignement audio-visuels constitués à partir de 50 moyens produits et mis à disposition par chacun des pays suivants : France, République Fédérale d'Allemagne, Pays-Bas, Suède et Royaume-Uni. Les moyens d'enseignement couvrent un large éventail de thèmes éducationnels et de niveaux pédagogiques. Les descriptions concernent essentiellement les informations présentant un intérêt pédagogique ; les détails ont été réduits au minimum ; l'on a estimé en effet que quelqu'un qui envisage sérieusement de se procurer l'un de ces moyens pour l'utiliser dans son pays voudra de toute manière obtenir plus amples informations, compte tenu de ses besoins spécifiques, en s'adressant aux personnes ayant la responsabilité première de la fabrication ou de l'utilisation du moyen visé.

Méthode suivie pour la sélection et la description des objets

Le Conseil de l'Europe a fait en sorte que dans chacun des cinq pays participants une seule organisation joue le rôle d'"agence nationale d'information" pour les besoins de la présente expérience.

Chaque agence d'information a été invitée à relever 50 objets sous une forme qui a été normalisée de concert avec les agences. Celles-ci ont procédé à la sélection des objets selon le critère général de l'intérêt et de l'utilité qu'ils présentent, à première vue, sur le plan international. A ce stade expérimental, il n'a pas été possible de définir des critères de sélection plus précis. Les agences pouvaient fournir des informations soit en recourant à leurs propres dossiers, soit en s'adressant à d'autres agences du même pays.

Il fallait utiliser, pour remplir les bordereaux, l'une des deux langues officielles du Conseil de l'Europe, qui sont l'anglais et le français. En conséquence, toutes les agences, à l'exception des agences française et britannique, ont dû faire traduire leurs descriptions. Pour cette raison, et aussi pour réduire les risques d'incompréhension découlant des différences dans les systèmes d'éducation, les agences ont été invitées à choisir des descripteurs - le cas échéant - dans le Thesaurus multilingue EUDISED (4).

Mise en forme des descriptions

Une certaine cohérence dans les descriptions est manifestement souhaitable, mais elle est particulièrement difficile à obtenir lorsqu'il s agit d'un travail international. Bien que les agences d'information s'en soient tenues avec une rigueur digne d'éloges, aux directives détaillées en leur possession, il a fallu, pour obtenir la cohérence et la clarté souhaitées, apporter certaines retouches aux descriptions et aux traductions. Il n'a pas été possible de collationner les rectifications avec les agences d'information : le correcteur est donc responsable de toute ambiguité ou erreur consécutive à son intervention (précisions cependant qu'il n a pas cherché à vérifier l'exactitude des informations initialement transmises).

Il a été décidé, au stade des rectifications, de ne pas signaler les descripteurs du Thesaurus EUDISED dans la description du contenu, sauf lorsque cela apparaît souhaitable à cause de l'utilisation de termes techniques.

Les inscriptions dans l'index, qui pour chaque objet figurent en anglais et en français, ont été établies dans le cadre du processus de correction, à partir des descriptions fournies. Répétons-le, il n'a pas été possible de procéder après coup à des vérifications avec les agences d'information et, par conséquent, celles-ci ne sont pas responsables de la sélection ou de la présentation de l'information. Il faut souligner que le fait de cerner un moyen d'enseignement pour les besoins de l'index sans avoir l'occasion d'examiner directement l'objet est nécessairement un pis-aller.

Organisation et traitement des données

Pour les décisions concernant la sélection d'éléments d'information et leur présentation bibliographique, il a été fait usage du projet de règles de répertoriage des media de la (British) Library Association (5).

Pour l'indexage, l'on a utilisé le Preserved Context Indexing System (PRECIS) (9, 10) mis au point par la British National Bibliography (aujourd'hui intégrée à la British Library). La réalisation de l'index français a constitué une expérience dans le cadre d'un programme de recherche et de développement de la British Library.

Informatiser un volume de données si restreint n'est sans doute pas, à proprement parler, une opération économique. Toutefois, l'informatisation sera presque certainement indispensable pour l'application concrète du concept EUDISED. Il a donc été décidé, dans le cadre de l'expérience, de confectionner le Bulletin par ordinateur, de manière à tester certains des procédés informatiques déjà conçus pour EUDISED ou mis à sa disposition.

Les codes d'entrée de l'ordinateur ont été empruntés au Draft EUDISED Format (6), au EUDISED Film Format (7) et à la EUDISED Preliminary Study for the Design of a Coding System (8).

Les données ont été informatisées dans un ordinateur IBM 360/40 utilisant une variante du logiciel de la British Library. Les données sont conservées sur bande magnétique. Les Etats membres auront peut-être la possibilité d'obtenir une copie de la bande à des fins expérimentales en s'adressant au consultant du Conseil de l'Europe.

Pour la photocomposition du texte de sortie, l'on a utilisé un programme mis au point par Computaprint Ltd.

Remerciements

Le présent Bulletin est le fruit de la coopération entre plusieurs personnes, qui lui ont consacré un travail considérable et minutieux. Cette expérience a montré que traiter des informations en provenance de plusieurs sources nationales est une entreprise difficile qui exige des ressources adéquates.

Nous remercions tout particulièrement :

le Conseil de l'Europe, pour la traduction et l'impression des bordereaux et des notes annexées ;

les agences d'information nationales et les organisations auxquelles elles se sont à leur tour adressées, qui ont bien voulu remplir les bordereaux ;

le Conseil de l'Europe, qui a procédé à une première révision des bordereaux et a vérifié les traductions ;

M. D. Ferris, pour la mise en page technique, la classification et l'indexage en anglais ;

la British Library, pour l'indexage en français ;

la British Library, pour le traitement des données.

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for the United Kingdom
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Consultant du Conseil de l'Europe
pour EUDISED AV

REFERENCES

1. Gilbert, L. A. A European Information System for Nonbook Materials Suitable for Educational Use. In: EUDISED Technical Studies 1973-74. Strasbourg : Conseil de l'Europe, 1974.

2. Gilbert, L. A. Audiovisual Materials Suitable for Educational Use: Pilot Directory of National Information Agencies within the Council of Europe. Council for Educational Technology, 1975 (diffusion restreinte).

3. EUDISED. Rapport du Groupe Directeur 1971. Conseil de l'Europe. Centre de Documentation pour l'Education en Europe. Bulletin d'Information 2/1972.

4. VIET, J. (éd). EUDISED Thesaurus multilingue pour le traitement de l'information en éducation, préparé pour le Conseil de l'Europe. Versions anglaise, française et allemande. Paris et La Haye : Mouton, 1973. ISBN 2-7193-0945-1.

Thesaurus EUDISED : adaptacao lingua portuguesa. Rio de Janeiro : INEP, 1974. Ed. preliminar, circulacao restrita.

EUDISED thesaurus multilingüe para el tratamiento de la informaciòn relativa e la educaciòn. Paris, La Haye : Mouton, 1976.

EUDISED Thesaurus multilingue pour le traitement de l information en éducation, préparé pour le Conseil de l'Europe. Version néerlandaise. Sous presse.

5. Library Association, Britain, Media Cataloguing Rules Committee. Non-book Materials Cataloguing Rules : integrated code of practice and draft revision of the Anglo-American Cataloguing Rules British Test Part III. Londres : National Council for Educational Technology with the Library Association, 1973. ISBN O-9022O4-22-X.

6. Linford, J.E. Format EUDISED - projet. In : EUDISED Normes, Format, Jeu de caractères. Strasbourg : Conseil de l'Europe, 1973.

7. Gorman, M. EUDISED Film Format. In : EUDISED Technical Studies 1973-74. Strasbourg : Conseil de l'Europe, 1974.

8. Shifrin, M. Preliminary Study for the Design of a Coding System to Identify the Physical Forms of Both Book and Non-Book Educational Materials. In : EUDISED Technical Studies 1973-74. Strasbourg : Conseil de l'Europe, 1974.

9. Austin, D. & Butcher, R. PRECIS : A rotated subject index system. Londres : British National Bibliography, 1969. Also a supplement.

10. Austin, D. PRECIS Indexing. The Information Scientist, 5 (3) semptembre 1971, 95-114.

NOTES A L'ATTENTION DU LECTEUR

COMMENT OBTENIR UN MOYEN D'ENSEIGNEMENT OU UN COMPLEMENT D'INFORMATION

Toute demande tendant à obtenir un exemplaire d'un moyen d'enseignement ou un complément d'information sur ce moyen est à adresser directement à l'agence d'information indiquée dans l'inscription et non au Conseil de l'Europe ou à son consultant.

Toutefois, ce dernier serait heureux de recevoir une copie de toute communication, car cela l'aiderait à surveiller l'utilisation qui est faite du Bulletin.

Les communications devront se référer nommément au Bulletin et citer, le cas échéant, le numéro de référence de l'objet, ainsi que le numéro de l'inscription dans le Bulletin (par exemple, EAV 123).

EVALUATION DE L'EXPERIENCE

L'élaboration du Bulletin a été une expérience se présentant notamment comme une étude de faisabilité : est-il possible de fournir des informations sur les moyens pédagogiques, quels que soient la langue et le système pédagogique du pays qui les produisent ?

Seul un utilisateur du Bulletin peut répondre à une telle question. Chaque destinataire est donc instamment invité à faire parvenir au consultant du Conseil de l'Europe ses observations - et celles de ses collègues - dans les meilleurs délais. Nous souhaiterions notamment recevoir des commentaires sur la forme des descriptions, plutôt que sur la qualité ou l'intérêt pédagogiques de tel ou tel moyen.

On aura peut-être intérêt à utiliser le questionnaire ci-joint.

Nous espérons pouvoir organiser en 1977 une réunion spéciale pour évaluer cette experience et discuter l'élaboration d'un réseau d'information européen pour les moyens audio-visuels.

NOTES RELATIVES A LA PRESENTATION DES INFORMATIONS DANS UNE INSCRIPTION

Les objets ont été classés sur la base d'une version simplifiée de la Classification décimale universelle (3e édition anglaise abrégée, 1961). On trouvera à la page XXII le schéma des principales rubriques visées par les matériels. Le numéro de classification apparaît en tête de chaque inscription. Les inscriptions figurent dans l'ordre des numéros attribués, quel que soit le pays d'origine, de manière à faciliter les recherches concernant les sujets. Pour des recherches plus détaillées, on pourra consulter l'index. Chaque moyen d'enseignement peut être répertorié plusieurs fois. Le numéro qui figure à côté de chaque mention à l'index est le numéro de classification attribué au moyen d'enseignement.

Les remarques qui suivent s'appliquent aux informations contenues dans une inscription (dans la liste ci-après, les rubriques entre parenthèses ne figurent pas dans l'inscription elle-même). Une inscription donnée ne contient pas nécessairement des informations sous chaque rubrique.

(Titre) Le titre dans la langue d'origine suivi, lorsque celle-ci n'est pas l'anglais ni le français, d'une traduction en anglais entre parenthèses.

Auteur Le principal responsable du contenu intellectuel ou artistique du moyen.

Présentateur — Le présentateur, narrateur ou démonstrateur que l'on voit ou que l'on entend dans l'enregistrement.

(Producteur) — Le pays d'origine, suivi du nom de l'éditeur, du fabricant, de l'établissement ou de l'organisme responsable de la production. L'adresse n'a pas été signalée ; l'on a estimé en effet qu'il est préférable d'adresser les demandes initiales à l'agence d'information. Lorsqu'on la connaît, la date de production, précise ou approximative, est donnée.

(Description formelle) — Il s'agit de donner une idée des éléments constitutifs du moyen visé et du type d'équipements requis pour l'utiliser. Pour des raisons de commodité, les renseignements sont aussi succincts que possible. Si l'on désire obtenir des précisions techniques, on pourra s'adresser à l'agence d'information. Dans certains cas, on signale l'existence de formes de substitution adaptables à d'autres types d'équipements.

Lorsque le moyen comprend deux ou plusieurs objets, on donne une description formelle de chaque objet.

La durée de l'enregistrement sonore ou vidéo signifie la durée totale. Ainsi, si le moyen comprend deux enregistrements sonores de 30 minutes chacun, la description indique 60 minutes.

Dans le cas d'un enregistrement sur magnétoscope, les renseignements donnés doivent permettre à un expert de dire si un lecteur approprié est disponible (éventuellement de marque différente de celle qui est indiquée).

Là où un film et un enregistrement vidéo sont signalés, il s'agit de formats alternatifs du même contenu, à moins qu'il n'en soit indiqué autrement.

Lorsqu'un enregistrement sonore comporte des signaux électroniques assurant le changement automatique de l'image en cas de couplage avec un jeu de diapositives ou un film fixe, cette possibilité de synchronisation est indiquée. Pour des raisons techniques, la synchronisation automatique n'est pas toujours transférable d'une machine à l'autre, et il serait bon de pouvoir se procurer un exemplaire du scénario comportant les indications de changement, de façon à permettre le changement manuel des images.

"Transparent" signifie le matériel utilisé avec un rétroprojecteur.

Contenu
Langue
Auditoire
Utilisation ou objectifs pédagogiques
Intérêt international

Toutes ces précisions ont pour but de permettre de juger dans quelle mesure le moyen est adapté à un objectif déterminé, étant entendu qu'un moyen produit en vue d'un objectif précis peut rendre des services dans un contexte différent si on l'utilise correctement. Si un descripteur est placé entre deux traits obliques (par exemple, /travail par équipe/) cela signifie qu'il a été emprunté au Thesaurus multilingue EUDISED (4), que l'on pourra consulter pour clarifier le sens. Parfois, le consultant a sélectionné le terme sur la base des renseignements communiqués.

La langue mentionnée est celle de toute piste sonore, toute légende de projection ou tout imprimé d'accompagnement. (On peut facilement supprimer une piste sonore et la remplacer par un commentaire en direct du professeur). Des versions sont parfois disponibles en deux ou plusieurs langues, et ce fait est signalé.

Disponibilité	Il n'est pas donné d'indications sur les prix d'achat ou de location, car ils sont sujets à des variations occasionnelles. Pour toute précision, s'adresser à l'agence d'information.
Rapports de recherche et d'évaluation	Il s'agit de rapports, publiés ou en tout cas disponibles, décrivant les recherches entreprises pour la planification du moyen d'enseignement ou l'évaluation de son efficacité pédagogique.
Agence d'information	Est ainsi appelée l'organisation nationale chargée de transmettre les renseignements au consultant du Conseil de l'Europe. Ses nom et adresse figurent ci-dessous.
Numéro de référence	Le numéro du producteur, le cas échéant, doit être rappelé dans les demandes.
Numéro d'inscription	Par exemple eav 123. A rappeler dans la demande pour permettre d'identifier l'objet avec certitude.
(Abréviations)	min = minutes coul = couleur nb = noir et blanc

REPERTOIRE DES AGENCES NATIONALES D'INFORMATION

INRDP Paris	Institut National de Recherche et de Documentation Pédagogiques 29, rue d'Ulm 75230 Paris Cedex 05 France
FWU Munich	Institut für Film und Bild in Wissenschaft und Unterricht Bavaria-Film-Platz 3 8022 Grünwald/München R.F.A.
NBLC La Haye	Nederlands Bibliotheek en Lectuur Centrum Taco Scheltemstraat 5 Den Haag Pays-Bas
NSBE Stockholm	Direction nationale de l'enseignement public Karlavagen 108 Fack S- 106 42 Stockholm Suède
CET Londres	Council for Educational Technology for the United Kingdom 3, Devonshire Street London W1N 2BA Royaume-Uni

CLASSIFICATION DECIMALE UNIVERSELLE : SCHEMA DES PRINCIPALES DIVISIONS OU FIGURENT DES DESCRIPTIONS

Généralités

05 Périodiques. Revues
07 Journaux. Journalisme
08 Polygraphies. Oeuvres collectives

1 Philosophie. Métaphysique. Psychologie. Logique. Ethique et Morale

15 Psychologie
17 Ethique. Morale. Conventions

2 Religion. Théologie

26 L Eglise chrétienne en général
29 Religions non chrétiennes. Religions comparées

3 Sciences sociales. Economie. Droit. Gouvernement. Education

30 Sociologie générale. Sociographie
31 Statistique
32 Sciences politiques. Politique. Affaires courantes
33 Economie politique et sociale
34 Jurisprudence. Droit. Législation
35 Administration publique. Science militaire. Défense
36 Prévoyance et aide sociale. Assurance
37 Education
39 Ethnographie. Coutumes et traditions. Folklore

5 Mathématiques et sciences naturelles

51 Mathématiques
52 Astronomie. Arpentage. Géodésie
53 Physique et mécanique
55 Géologie. Météorologie
56 Paléontologie
57 Biologie. Anthropologie
58 Botanique
59 Zoologie

6 Sciences appliquées. Médecine. Technique

61 Sciences médicales. Santé et sécurité
62 Art de l'ingénieur. Techniques en général
63 Agriculture. Sylviculture. Elevage. Pêche
65 Techniques applicables au commerce, aux affaires et à l'organisation de bureaux Gestion. Communications. Transport
66 Industrie chimique. Technologie chimique
67 Industrie et artisanat
69 Industrie, matériaux, métiers du bâtiment ; construction

7 Arts. Divertissements. Sport, etc.

72 Architecture
73 Sculpture et arts plastiques
74 Dessin et arts mineurs
75 Peinture
76 Gravure et impression
77 Photographie. Cinématographie, etc.
78 Musique
79 Divertissements. Passe-temps. Jeux. Sport

8 Littérature. Belles-Lettres

80 Généralités. Rhétorique. Critique
82 Littérature occidentale. Littérature anglaise
84 Littératures romanes. Littérature française

9 Géographie. Biographie. Histoire

91 Géographie, explorations et voyages
93 Histoire générale. Sources. Histoire ancienne
94 Histoire du moyen-âge et histoire moderne
940 Histoire de l'Europe
950 Histoire de l'Asie
960 Histoire de l'Afrique
970 Histoire de l'Amérique du Nord

CATALOGUE OF TEACHING AIDS
CATALOGUE DES MOYENS D'ENSEIGNEMENT

Errata

The descriptions of the following two aids should be amended as indicated.

75
PORTRET VAN FRANS HALS (eavO15)
Add to the physical description
FILM 16mm, sound: 18 min: col

75
VINCENT VAN GOGH (eavO14)
Add to the physical description
FILM 16 mm, sound: 20 min: col

05
UBERALL ZEITUNGEN - ZEITUNGEN FUR ALLE
(NEWSPAPERS EVERYWHERE - NEWSPAPERS FOR EVERYONE)
Authors: Slatow, G.v; Slatow, O.v; Dallmann, G
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

SLIDE 46 slides: col
SOUND RECORDING Tape (reel): 13 min
PRINTED MATERIAL Teacher's guide, 19p

Contents: An introduction to the problem: "How to read newspapers". The distinction between daily newspapers and illustrated magazines, news magazines and weekly and Sunday papers, the distinction between the local, regional and national press, the distinction between the popular (kiosk-based) and orthodox (subscriber-based) papers, familiarization with the notions learned on the basis of the "Bild-Zeitung"

Language: German
Audience: /Secondary education/, /age group/ 13-14
/Teaching objective/: to impart the knowledge and experience needed to read newspapers critically
Availability: Sale

Information agency: FWU Munich
Reference number: 14 0017 0-0

eav166

07
WIE ENTSTEHT DER NACHRICHTENTEIL EINER TAGESZEITUNG
(HOW THE NEWS SECTION OF A DAILY PAPER IS PRODUCED)
Authors: Wagner, G; Dallmann, G; Rath, F
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1969

FILM 16mm, sound: 15 min: bw
PRINTED MATERIAL Teacher's guide, 4p

Contents: The film commences with technical information on this subject. Its chief mission, however, is to introduce the viewer to the processes and problems of editorial decision-making. The message of the film finds expression in the last sentence of the commentary: "Every newspaper reflects part of the opinion of the people who have made it". Scenes from the work of the newsroom staff demonstrate not only the endeavour to achieve objective reporting, but also the fact that objectivity is not an absolute concept, but one with varying degrees of attainability.

Language: German
Audience: /Out-of-School-Education/ for youth, /adult education/, /general education/ and /vocational education/
Teaching objectives: to promote 1. Familiarity with the individual stages of newsroom work. 2. Understanding of the division of functions within an editorial staff. 3. Discussion on decisions regarding content of news items by news editors and sub-editors
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2178 0-0

eav181

087
GUIDE TO BRITISH OFFICIAL PUBLICATIONS
Author: Pemberton, J.E
United Kingdom: University of Warwick, 1973

SLIDE 38 slides: col
SOUND RECORDING Tape (cassette): 15 min: with synchronisation

Contents: Among the categories of publications which are described and illustrated are Bills, Command Papers, House of Commons Papers, Debates, Acts of Parliament, Departmental Publications, Catalogues and Indexes. They are introduced in a logical way, using the topic of decimal currency as a theme.

Language: English
Audience: /Higher education/
Use: /Self-instruction/
International interest: Although this material was designed for use in the British context, it should serve as a useful introduction for non-British audiences as well.
Availability: Sale

Information agency: CET London

eav105

159.92
BARN OCH FORM
(CHILDREN AND CREATIVITY)
Sweden: Liberlaromedel, 1966

FILM 16mm, sound: 21 min: bw

Contents: The film is about child development and illustrates a child's creativity from the unspecific handling of plastic materials to creative activities at different levels of pre-school age.

Language: Swedish
Audience: /Teacher education/
Use: /Lecture/ illustration and /group work/
The film is intended to be an aid for /teacher education/ in /developmental psychology/ and /sciences of education/, and in the teaching of /child care/ professions.
International interest: Education is traditionally directed towards knowledge. This film points to the importance of supporting the child's /creative activities/ from an early age.
Availability: Sale

Information agency: NSBE Stockholm

eav062

159.92
CHILD'S PLAY
United Kingdom: Inner London Education Authority: Media Resources Centre, 1974

SLIDE 24 slides: col
SOUND RECORDING Tape (cassette): 2 recordings: with synchronisation
PRINTED MATERIAL 12 leaflets: pamphlet

Contents: Basic information about the importance of play in the life of a young child. Leaflets of photographs, together with simply written comments, illustrate some of the many aspects of play- physical, social, creative and imaginative play, and also topics such as toys, materials and places for play and the role of adults. Colour slides and sound commentary show some of the typical stages in the development of children during their first five years. The sound recording also briefly traces changing attitudes to play through the ages.

Language: English
Audiences: /Secondary education/, /age group/ 14-16
Uses: Can be used to provide starting points for discussion, as a guide for students' observations of young children during preparation for practical experience, and as a source of simple written and visual information.
Availability: Sale

Information agency: CET London
Reference number: CDI

eav149

159 92
EXPERIMENTERANDE OCH SKAPANDE VERKSAMHET HOS 2 - 3 ARINGAR
(EXPERIMENTAL AND CREATIVE ACTIVITIES OF 2-3 YEAR OLD CHILDREN)
Sweden: LiberLaromedel, 1971

FILM 16mm, sound, 18 min, col

Contents: The film shows 2-3 year old children working with different kinds of material, adapted to their level of development, in order to make them enjoy creative activities and make them inclined to obtain experience and knowledge about their surroundings, their own ability and their own possibilities. The children experience joy in expressing themselves through creative activities.

Language: Swedish
Audience: /Teacher education/
Use: /Lecture/ illustration and /group work/
International interest: Education is traditionally directed towards knowledge. This film points to the importance of supporting the child's /creative activities/ from an early age.
Availability: Sale

Information agency: NSBE Stockholm

eav086

159 92
HOW CHILDREN THINK (COGNITIVE DEVELOPMENT - UNIT 1)
Authors: Fyfe, T.W., Ewing, J.M.
Presenter: Ewing, J.M.
United Kingdom: Dundee College of Education, 1974

VIDEO RECORDING IVC 1" standard, 19 min, bw
PRINTED MATERIAL Programmed textbook including post test and answers, 17p

Contents: The video recording contains 8 sequences in each of which a child is given a Piaget-type test. Students are expected to answer questions in the programmed textbook, which explains the sensori-motor and pre-operational stages in Piaget's theory of cognitive development. In addition to answering questions related to the video recording, the textbook continues the teaching in a programmed learning form.

Language: English
Audience: /Student teachers/ preparing for /primary education/
Use: /Self-instruction/. On completion of this unit the student will be able 1. to recognise the main characteristics of thought of the sensori-motor and pre-operational stages in Piaget's theory, 2. to indicate rough age ranges of these stages, 3. to match descriptions of children's behaviour to these two stages.
International interest: The use of television as part of a /programmed learning/ approach may be of interest.
Availability: Sale

Information agency: CET London
Reference number: EDP/8342

eav130

159 92
OSWALD KROH: DIE BEDEUTUNG DER JUGENDZEIT FUR DEN AUFBAU DER PERSONLICHKEIT
(OSWALD KROH: THE IMPORTANCE OF YOUTH IN THE DEVELOPMENT OF THE FULL PERSONALITY)
Authors: Schwenk, J., Rucker, B.
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

SOUND RECORDING Tape (reel), 30 min
PRINTED MATERIAL Teacher's guide, 2p

Contents: In Oswald Kroh's theory of phases and stages, the progress from birth to maturity is represented for the first time as a continuum. Kroh's approach has greatly stimulated thought in the fields of psychology and educational science. On account of innate characteristics, degree and orientation of talent, family circumstances, traumatic experiences, individuals' development can have very varied results. Common to all people is the fact that during progress to adulthood no stage is independent of those preceding it. Metaphorically speaking the traveller who covers the whole of the route still knows nothing of the beauties, the difficulties and the obstacles of the road to come, but at every step he is influenced by the freshness or fatigue, the experiences, the courage or disappointment that have become part of his impedimenta. Oswald Kroh, with his initial examination of this phenomenon, left a valuable legacy to all whose task it is to guide children on this journey.

Language: German
Audiences: /Secondary education/, /teacher education/, /further education of teachers/
Uses: /Teacher education/. Can also be used in /secondary education/.
Availability: Sale

Information agency: FWU Munich
Reference number: 20 0175 0-0

eav167

159 94
ABENDS ALLEIN ZU HAUS
(A LONELY CHILD AT HOME AT NIGHT)
Authors: Siber, K.H., Kubach, G., Block, A.
Federal Republic of Germany: Institut fuer Film und Bild, 1974

FILM Super 8mm, Sound, 10 min, bw
PRINTED MATERIAL Teacher's guide, 2p

Contents: The film tells of the experience of a five-year old boy, who wakes up in his bedroom at night. He calls his mother. She is not there. In the darkness the child sees strange shapes and shadows in the otherwise familiar room. These apparitions set his heart throbbing, he gets out of bed and gropes his way about the dark flat. The five-year old is frightened by unaccustomed noises, and withdraws to the bedroom. The feeling of loneliness is heightened in his mind by the sight of his younger brother, who is sleeping peacefully. Full of apprehensions, he creeps back to bed, strains his ears to hear the noises, and watches the mysterious shadows on the wall. Finally he gets up again, gropes his way along the dark passage to his parents' bedroom, snuggles into their bed and goes to sleep. Three further sequences suggest alternative reactions by which the boy might overcome this uncomfortable situation. 1 The boy wakes up, is conscious of frightening shadows and noises in the bedroom, reaches towards the lamp and makes the shadows vanish by turning it on. He realizes that he has been frightened by mere shadow effects. Reassured, he goes to sleep again. 2. The boy wakes up, switches on the lamp, and discovers at his bedside a photograph of his parents, an agreed sign indicating that his parents have gone out and will soon return. Relieved, he goes to sleep again. 3. The boy wakes up, finds himself alone, and is afraid. He gets up, turns on the light and goes to the woman next door.

Language: German
Audience: /Primary education/
Teaching objective: to enable children of /pre-school age/ to realize the nature of a fear-provoking situation and to take appropriate measures.
Availability: Sale

Information agency: FWU Munich
Reference number: 37 0201 0-0

eav180

17
KONFLIKTER I VARDAGSLIVET
(CONFLICTS IN EVERYDAY LIFE)
Sweden. Pogo Pedagog, 1975

SLIDE 84 slides: col
SOUND RECORDING Tape (reel): 4 recordings: 35 min: with synchronisation

Contents: The material is divided into four parts, consisting of one sound recording and 21 slides: 1. Peter Cheats the Conductor. Peter travels in a bus. He does not tell the conductor his correct age and pays a lower fare than he should. How should we react? 2. Shoplifting. Jan is with his friends in a department store. His friend steals something. Should Jan tell his parents? 3. Torben Puts the Blame on Friends. Some children play football and happen to smash a window. Torben puts the blame on his friends. What would you say to him if you were his father? 4. The Birthday Party. Anna is going to have a birthday party. She hurts some of her friends by not inviting them. What can she do?

Language: Swedish
Audience: /Primary education/, /age group/ 7-9
Use: /Lecture/ illustration/ or /group work/ /Teaching objective/: to provide a basis for discussion of ethical and moral questions as part of education
International interest: The material is an effort to raise ethical and moral questions. The students should solve the problems themselves by discussing them. The material could be used as a model for production of similar material
Availability: Sale

Information agency: NSBE Stockholm
eav093

264
FRAN KYRKOR, TEMPEL OCH KLOSTER I SVERIGE OCH ANDRA LANDER
(FROM CHURCHES, TEMPLES AND MONASTERIES IN SWEDEN AND OTHER COUNTRIES)
Authors: Rodhe, S; Sundstrom, E
Sweden: Esselte Studium, 1975

SLIDE 85 slides: col
SOUND RECORDING Tape (reel): 2 recordings: 75 min: with synchronisation

Contents: The material is divided into two parts. The first part illustrates different kinds of Christian religions in Sweden and consists of one recording and 32 slides. From the Church of Sweden there are examples of regular morning services and a High Church prayer. There are also series from Roman Catholic church, from the Salvation Army and the Pentecostal revival. The second part consists of one recording and 53 slides. It illustrates services in other countries: two services in a Roman Catholic church, Sanctus and Missa Luba, Easter Service in a Greek Orthodox church, evening service in an Anglican church, service in a Negro church in the United States, a Communist child dedication, and services from Judaism, Islam, Hinduism and Buddhism

Language: Swedish
Audience: /Secondary education/
Uses: /Lecture/ illustration, /group work/ and /individual work/. /Teaching objective/: to acquaint the students with worship in different religions
International interest: Interesting pictures and beautiful music. It is not necessary to understand the texts
Availability: Sale

Information agency: NSBE Stockholm
eav088

235 3
DEN HELIGA BIRGITTA
(ST. BRIDGET)
Sweden: Pogo Produktion, 1971

SLIDE 35 slides: col
SOUND RECORDING Tape (cassette): 15 min: with Synchronisation

Contents: The material contains a description of the life of St. Bridget who lived in the 14th century. There are pictures from her childhood which she spent on her fathers estate. She married early and had eight children. She had many revelations which were written down and they are still read. Her pilgrimages are described as well as her visits to different sovereigns of Europe. She founded a religious order, which was approved by the Pope. There are still convents belonging to her order in Europe, North America, Mexico and India. Her importance for the political evolution in Europe is also illustrated

Language: Swedish
Audiences: /Secondary education/, /age group/ 11-13
Uses: /Lecture/ illustration, /group work/, /individual work/ in history or religion /Teaching objectives/: to describe the life and historical importance of St. Bridget, one of the greatest women personalities in Swedish history
International interest: The importance of St Bridget for Christianity and the history of Europe makes the material interesting for use outside Sweden
Availability: Sale

Information agency: NSBE Stockholm
eav052

294 3
KYUDO - DER WEG DES BOGENS
(THE WAY OF THE BOW)
Authors: Apelbeck, G; Brudny, W
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1968

FILM 16mm, sound: 11 min: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: The Japanese archery champion, Ogasawora, with his students during archery practice in front of a temple and later on horse-back. All exercises are carried out according to a strict traditional ceremonial. The purpose of the exercises is to attain right thinking and feeling through right doing

Language: German
Audiences: /Upper secondary education/, /adult education/. Some knowledge of Buddhism and its various forms of expression is required
Uses: Documentation, additional /teaching aids/ /Teaching objective/: to gain understanding of (to appreciate) Zen-Buddhism
Availability: Special arrangement

Information agency: FWU Munich
Reference number: 32 2076 0-0
eav168

301.16
GROUP RELATIONSHIPS IN A LANCASHIRE HOSTEL
Presenter: Boswell, D
United Kingdom: The Open University, 1972

FILM 16mm, Sound: 25 min: bw
VIDEO RECORDING 1 inch Ampex 5103: 25 min: bw

Contents: Shot in a hostel for the mentally handicapped in Lancashire, the film shows many of the daily routines of the institution. By concentrating in detail on the small group interaction of the hostel's residents, it demonstrates staff/ resident, staff/staff and resident/resident relationships.

Language: English.
Audience: /Undergraduates/.
Use: An Open University broadcast for students studying the second level course 'The Sociological Perspective', supplementing the readings for the course.
International interest: The programme is a good example of how the television camera can be used to record actual events and personal relationships which would be difficult to describe in words.
Availability: Hire or Sale.

Information agency: CET, London
Reference number: D 283/05

eav137

301.16
NAGOT OM VUXNA UNGA
(ABOUT ADULTS AND YOUNG PEOPLE)
Sweden: The Committee for TV and Radio in Education (TRU), 1974

VIDEO RECORDING Philips VCR: 5 recordings: 80 min: col PAL
SOUND RECORDING Tape (cassette): 5 recordings: 80 min
PRINTED MATERIAL 5 books

Contents: The material is divided into five parts: 1. Like the Others. - about conflicts caused by the difficulties of young people to adjust themselves to the demands of different groups in society and their need to be independent. 2. Things at All Costs. - about the differences between the consumption of young people and adults. 3. Views on Sex. - The differences between young people and adults in their views on sex and ethics. 4. Behind the Front. - about the different ways of hiding anxiety. Our fear of showing emotions. 5. How on Earth. - adults' and young people's views on society and the world. What changes are necessary to make people feel safe and happy in an insecure world?

Language: Swedish.
Audience: /Adult education/, /Upper secondary education/, /age group/ 15-18.
Use: /Group work/ or /lecture/ illustration in /civics/ or /social sciences/. /Teaching objective/: to make the /student/ aware of problems and /conflict of generations/ and to form a basis for discussing these problems.
International interest: The material is a result of co-operation between the Scandinavian countries. The video recordings can be used without the sound. The material treats problems which often cause conflicts between adults and young people. The second part of the material could be excluded as it is related to Swedish conditions.
Availability: Hire or Sale.

Information agency: NSBE Stockholm

eav054

301.08
KVINNOGRAL
(WOMEN QUARREL)
Sweden: The Committee for TV and Radio in Education (TRU), 1973

FILM 16mm, sound: 32 min: bw

Contents: The film consists of sections of four plays. It shows how different roles change and influence our way of talking, walking and reacting in different periods of time and different social conditions. The four plays are written by Schiller, Moliere, Brecht and Obaldia. Two young actresses appear on stage. There is no stage scenery. They have a chest where they pick out simple pieces of clothing in order to appear in their different roles. The central theme in the sections of the plays is quarrel between two women. The way they do it tells the spectator much about values, traditions and education.

Language: Swedish.
Audiences: /Upper secondary education/, /age group/ 16-18 in different subjects like drama and the history of literature.
Uses: /Lecture/ illustration, /group work/ /Teaching objective/: to make the students aware how different social /role/s influence the way of talking and reacting in different periods of time and under different social conditions.
International interest: The material can be used as a model for production of similar material and also as a starting point for students' own activities in the dramatic field. As the most interesting thing is not what the actresses say, but how they say it, the material could be used as it is.
Availability: Hire or Sale.

Information agency: NSBE Stockholm

eav050

308(54)
INDIEN - PROBLEME DER ENTWICKLUNG
(INDIA - PROBLEMS OF DEVELOPMENT)
Authors: Luther, H-U; Leippi, W; Brueckner, C
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

SOUND RECORDING Tape (reel): 29 min
PRINTED MATERIAL Teacher's guide, 2p

Contents: The recording deals with various social structures typical of India and explains their effects on economic and social development. These are, in particular, the feudal land tenure that persists in defiance of the agrarian reform, with the consequent class disparity; the caste system, which makes social oppression and privilege, and even the pursuit of an occupation, a matter of heredity; and, finally, adherence to a religion which calls both for veneration of animals and for the submission of man to his worldly fate. The interdependence both of these patterns as such and of their consequences is clearly shown, e.g. in their manifestation as factors in the vicious circle of economic structure - poverty - religion - fatalism. The living conditions of the country are described in all their crass reality, so that the listener is motivated to pursue the subject further. The various sections of the account are interspersed with recordings of original Indian instrumental music.

Language: German.
Audience: /Secondary education/, /day release/ for /commercial education/, /general education/. A basic knowledge of Indian geography & economic geography is assumed.
/Teaching objective/: to further the realization that the economic and social development of a country are dependent not only on geographical factors, but also on the prevailing social structure.
Availability: Sale.

Information agency: FWU Munich
Reference number: 20 2187 0-0

eav160

312
PYRAMIDE DES AGES
Auteurs: Cheminal, D; Herand, M
FranceOffice francais des techniques modernes d'education1971

FILM Super 8mm, muet: 5 min: coul
IMPRIMES Fiche technique, 3p

Contenu: Film d'animation sur la construction d'une pyramide des ages. Le sujet traite est la representation graphique de la structure par ages et par sexes de la population francaise sur la base des resultats du recensement de 1968. Dans un premier plan, le film montre comment on batit une pyramide, le 2e montre les surfaces proportionnelles permettant la comparaison par grands groupes d'ages. Les 3e et 4e plans mettent en evidence les consequences des deux dernieres guerres. Dans le 5e plan, la pyramide des ages apparait en entier, et, en superposition, la pyramide de la population active. Le 6e plan etablit une comparaison de la courbe "hommes" et de la courbe "femmes". Enfin, le 7e et dernier plan illustre la reprise de la natalite en France depuis 1946

Langue: Francais
Auditoire: Enseignement secondaire deuxieme cycle
Utilisation: Geographie humaine, initiation a la demographie
Interet international: Bon guide pour la construction et les manipulations d'un graphisme applique a la representation de donnees chiffrees. Possibilite d'un commentaire parle ou enregistre par le presentateur dans sa propre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 1 514

eav227

327
VI BOR I SAMMA HUS
(WE LIVE IN THE SAME HOUSE)
Authors: Gedin, B; Wastberg, A-L
Sweden: The Committee for TV and Radio in Education (TRU), 1975

FILM 16mm, Sound: 19 min: col
VIDEO RECORDING Philips VCR: 19 min: col PAL

Contents: If the world were a big house, how would it be possible to solve different problems like lack of food, lack of water and lack of solidarity? In this story the children settle the situation. They make their parents understand and help them. Finally all the inhabitants of the house get to know each other. They like being together and they understand that their problems must be solved by cooperation.

Language: Swedish
Audience: /Primary education/, /age group/ 5-9
Uses: /Lecture/ illustration, /Teaching objective/: to help children to understand some of the basic values laid down in the UN declaration of human rights.
International interest: The material is an interesting effort to make small children understand difficult international porblems.
Availability: Hire or Sale

Information agency: NSBE Stockholm

eav078

331
ARBETSMARKNADEN FORANDRAS
(CHANGES OF THE LABOUR MARKET)
Sweden: Esselte Studium, 1973

SLIDE 70 slides: bw
SOUND RECORDING Tape (reel): 2 recordings: 25 min: with synchronisation

Contents: The material is divided into two parts. The first part - one sound recording of 10 minutes and 41 slides - describes changes of the labour market in an industrialized country from the beginning of this century to our own time. Changes in agriculture, forestry and industry are illustrated. The second part - one sound recording of 15 minutes and 29 slides - is a vision of the future up to the year 2,000. What changes can be expected in industry, communications and urban planning and building?

Language: Swedish
Audiences: /Secondary education/, /age group/ 14-16
Uses: /Lecture/ illustration, /group work/ or /individual work/ in civics or history. /Teaching objective/: to illustrate changes in the /labour market/ which affect our way of working.
International interest: The material contains some rare documentary pictures which can be used with the teacher's own commentary.
Availability: Sale

NSBE Stockholm

eav061

331.3
CAREERS
Author: Curriculum Development Centre Careers Service
United Kingdom: Curriculum Development Centre, Clydebank, 1975

SLIDE 60 slides: col
FILMSTRIP 20 frames: col
TRANSPARENCY 9 frames
SOUND RECORDING Tape (reel): 10 min: with Synchronisation
PRINTED MATERIAL Pupils' worksheets: teacher's handbook containing examples of all pupils' worksheets and overhead transparencies

Contents: Occupational choices for young people in Scotland. Specifically related to the Scottish education system.

Language: English
Audience: /Secondary education/, /age group/ 13-16
Uses: for /vocational guidance/. The /teaching objective/ of the /learning kit/ is to enable /secondary school/ pupils, aged 13 to 16 years, to understand and evaluate factors which influence their choice of occupation.
International interest: Gives an impression of the /occupational choices/ available to young people in Scotland.
Availability: Special arrangement.

Undergoing evaluation in five schools in Dunbarton Division of Strathclyde Region, Scotland.
Information agency: CET London

eav113

331.3
FREDERICK
Authors: Liunni, L; Gianini; Strube, H-H
Federal Republic of Germany: Institut fuer Film und Bild, 1974

FILM 16mm, sound, 7 min, col
PRINTED MATERIAL Teacher's guide, 4p

Contents: Two little field mice make preparations for the winter. Four gather ears of corn, nuts and other products of nature and take them to their home under the big farm wall. The fifth sits on one of the big stones as if in a day-dream. But it only seems so. He is gathering the rays of the sun, colours and words. Autumn changes to winter, and the three little mice withdraw to their home under the stones. They live well on the stores they have gathered. But soon the food becomes scarce. Now they realize how cold and dark it is in their hole. "What about your stores?" they ask Frederick. "Shut your eyes", replies Frederick, "can you feel it getting warmer?" "Shut your eyes again; can you see the pretty colours?" The warmth, the colours and the words that Frederick has gathered make the mice happy, and they acknowledge the value of his work. "Frederick", they admit, "we shouldn't have thought it of you. Why, you're a real poet!"

Language: German
Audience: /Primary education/, /age group/ 6-9
/Teaching objectives/: to show children that different work is differently assessed; to promote the realization that work of different kinds is not necessarily of different values
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2523 0-0

eav161

331.6
FYSIKKEMI
(PHYSICS AND CHEMISTRY)
Author: Lindskoug, I
Sweden: LiberLaromedel, 1971

VIDEO RECORDING Philips VCR: 14 recordings: 210 min, bw
SOUND RECORDING Tape (reel): 15 recordings: 225 min
PRINTED MATERIAL 15 booklets

Contents: 'Physics and Chemistry' is intended for the retraining of unemployed people. It is based on an analysis of teaching objectives. The study material works with no complicated formulae or symbols but instead gives knowledge that can be of use for the participants in their working life. The material takes into consideration the continuous admission of retraining students. Each week a new group of participants is admitted. Three groups form a class. Three different parts of the material are studied at the same time. The studies are made individually or in groups. The material covers the demand for an all-round scientific orientation within the scope of the general subjects for retraining activities.

Language: Swedish
Audience: /Retraining/ of /adult/s
Uses: /Group work/ or /individual work/
/Teaching objective/: to give a general scientific orientation, to create an interest in scientific problems and to give knowledge about the problems and elements of risk of a physical-chemical nature which may occur at working-places and daily life
International interest: The material is an interesting effort to meet the needs of adults for a general scientific orientation
Availability: Sale

Information agency: NSBE Stockholm

eav067

331.82
UNE MINE DE FER: LE TRAVAIL DANS LA MINE
Auteurs: Mercier, B; Heraud, M
France: Office francais des techniques modernes d'education, 1972?

FILM Super 8mm, Muet: 5 min: coul
IMPRIMES Fiche technique, 4p

Contenu: Les conditions d'extraction et d'abattage dans une mine de fer. La 1ere sequence montre le procede de forage (par appareil Jumbo electro-hydraulique) et la preparation du tir d'abattage. Puis, sont montrees les operations de purgeage et de consolidation de la roche par boulonnage de soutenement. Enfin le minerai est ramasse par une chargeuse dont les bras articules deversent le minerai dans d'enormes camions-bennes. Enfin, les camions-bennes transportent leur charge de minerai jusqu'aux berlines qui sont acheminees par rames de douze vers les silos d'ou le minerai est ensuite remonte jusqu'a la surface par des convoyeurs et des monte-charge. Sur certaines vues, on voit les ouvriers au travail, le visage protege par des masques anti-poussiere.

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire/
Utilisations: Geographie economique et humaine
Enseignement technique industriel
Interet international: Images peu frequentes, prises avec autorisation speciale de la direction de l'entreprise. Possibilite d'un commentaire parle ou enregistre par le presentateur dans sa propre langue
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 1 508

eav215

335
ROSA LUXEMBURG - EIN PORTRAIT VON ERNST FISCHER
(ROSA LUXEMBURG - A PORTRAIT BY ERNST FISCHER)
Authors: Fischer, E; Rucker, B; Apel, H
Federal Republic of Germany: Institut fuer Film und Bild, 1974

SOUND RECORDING Tape (reel): 25 min
PRINTED MATERIAL Teacher's guide, 2p

Contents: Ernst Fischer introduces the personality of Rosa Luxemburg, outlines her political aims and gives an account of her work from the standpoint of an Austro-Marxist. To a considerable extent he allows Rosa Luxemburg to speak for herself by quoting from her manifestos, articles and correspondence. Ernst Fischer wrote this manuscript shortly before his death. Used by Radio Bavaria as the script of a television broadcast on the Third (open university) Channel.

Language: German
Audience: /Secondary education/. Knowledge assumed of the German working-class movement up to 1918.
/Teaching objective/: to enable pupils to develop a critical approach - on the basis of Ernst Fischer's essay - to the historical significance of Rosa Luxemburg, her conception of Socialism and her attitude to 'systematizations of Socialist Theory'
Availability: Sale

Information agency: FWU Munich
Reference number: 20 2368 0-0 / 22 2368 0-0

eav183

338(-77)
SECHS MILLIARDEN PARTNER
(SIX THOUSAND MILLION PARTNERS)

FULL CATALOGUING DETAILS ARE DISPLAYED AT 338(4)

338(-77)
WEM NUETZEN DROGEN?
(WHAT GOOD ARE DRUGS?)
Authors: Fehlbaum, R; Moto, A; Mattke, D
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1972

FILM 16mm, sound, 47 min, bw
PRINTED MATERIAL Teachers' guide, 4p

Contents: The film links the consumption of drugs (narcotics) by adolescents with the misuse of alcohol and medicines. It shows that pressures in respect of conduct and consumption inherent in an industrial society are the underlying causes. The film shows adolescents in Munich and Berlin, who are trying to escape drug addiction by participating in government subsidized groups. One of the main themes of the film is the change from solidarity in the use of drugs to solidarity in social policy action.

Language: German.
Audiences: /Upper secondary education/, /teachers/ of social education, parents. Some knowledge of psychology and sociology is required.
Uses: Information; documentation; additional /teaching aids/. /Teaching objective/: to become familiar with the phenomenon of drug abuse, to be able to analyze /drug addiction/, resulting from social environment (conditions); to realize that active participation in society is a better way than drugs to attain a fuller life.
Availability: Special arrangement.

Information agency: FWU Munich
Reference number: 32 2361 0-0

eav191

338(4)
SECHS MILLIARDEN PARTNER
(SIX THOUSAND MILLION PARTNERS)
Authors: Morr, J.V; Baake, F; Halbe, P
Federal Republic of Germany: Institut fuer Film und Bild, 1970

FILM 16mm, sound, 29 min; bw
PRINTED MATERIAL Teacher's guide, 2p

Contents: The film presents a number of statements representing the varied and to some extent extremist views on the subject of development aid. Economic development in Europe by means of the Marshall Plan is dealt with in detail. An account is given, however, not only of the economic development of the individual states, but also of the efforts aiming at an economic - and ultimately political - unification of Europe. Attention turns from Europe to the African countries, for which the former European colonial powers bear a special responsibility. Problems and projects arising out of European development aid are demonstrated in relation to various African countries.

Language: German.
Audiences: /Secondary education/, /age group/ 13-18, /out-of-school-education/ for youth, /adult education/, /vocational education/.
Teaching objectives: to locate /development aid/ in the historical and political context of the changes in Europe since the catastrophe of World War II, to give enlightenment concerning opinions on the subject of /development aid/, to provoke the viewer into stating his own attitudes. Basic knowledge required: European history since World War II; basic historical knowledge of the colonial period, the principal patterns of government (feudalism, communism, democracy).
Availability: Sale.

Information agency: FWU Munich
Reference number: 32 2241 0-0

eav185

34
THE LAW OF THE LAND: 8. HOW LAWS ARE MADE
Author: Law Society
United Kingdom: Bryanston Audiovision Ltd, 1975

FILMSTRIP 35 frames; col
SOUND RECORDING Tape (cassette): 15 min
PRINTED MATERIAL Teacher's notes, 8 p

Contents: Statute law; Acts of Parliament. The processes through which British society makes and changes its rules or laws; the role of Members of Parliament; the role of the judiciary; Parliamentary Commissions; Royal Commissions; Private Member's Bills; Government legislation and the role of the Cabinet. The Bill before Parliament; the Bill in Committee; the role of the House of Lords; Royal Assent; the Bill becomes an Act of Parliament; its administration, interpretation and enforcement. Statutory Instruments; Private Bills; Regulations from international bodies.

Language: English.
Audience: /Upper secondary education/.
Uses: Basic information about the law in plain language to stimulate discussion, /group work/ or /self instruction/.
International interest: Comparative study of processes of law-making, parliamentary government and legislation.
Availability: Sale.

Information agency: CET London
Reference number: 268 HC8

eav114

351.76
MAN KANN ES HOLLE NENNEN: SELBSTDARSTELLUNGEN DROGENABHANGIGER
(YOU MIGHT CALL IT HELL: DRUG ADDICTS DESCRIBE THEIR STATE)
Authors: Joite, E; Lindemann, K; Haucker, G
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1972

SOUND RECORDING Tape (reel): 58 min
PRINTED MATERIAL Teacher's guide, 2p

Contents: The recording reproduces the voices of addicts: incomplete sentences, distorted speech, disrupted communication. They have left the conventional information - plane. The voices emanate from an unidentified background - possibly from somewhere in Berlin. Names are labels: Beate, Ingo, Jack or Hidda. The commentary offers only a modest contribution to the understanding of the drug-problem: terms used in addict circles are explained; reasons for the initial plunge are given; biographical notes on individual addicts are typical of many more.

Language: German.
Audience: /Secondary school/, /adult education/.
/Teaching objectives/: to promote a critical approach to the problems of life, to combat drug addiction on a prophylactic basis.
Availability: Sale.

Information agency: FWU Munich
Reference number: 20.2294.0-0/22.2294.0-0

eav190

362
BEHINDERT . . .
(. . HANDICAPPED . .)
Authors: Krueger, C; Mannstaedt, I; Schnatmann, R
Federal Republic of Germany: Institut fuer Film und Bild, 1975

FILM 16mm, Sound: 15 min: col
PRINTED MATERIAL Teacher's guide: 4 p

Contents: The scene of this live-action film is the shopping centre of a large town. Passers-by travel up and down the escalator. At the foot of the escalator Peter, a handicapped boy of about nine, is sitting in an invalid chair. The looks of those passing express sympathy, pity, curiosity, embarrassment or indifference. Peter gives the people friendly looks; sometimes he returns a smile. Stefan, aged about six, comes across Peter, is interested, and stops at the foot of the escalator. The two get talking. Stefan questions Peter about various levers on his invalid chair, and asks him to blow up his balloon. They allow the balloon to float about the store. This turns into an exciting game, to which the grown-ups reactions vary. Stefan discovers a toy motor-cycle. He mounts it with the intention of having a ride, but then realizes that Peter is unable to join in such activities. The two of them then tear round the store with the invalid chair. When Stefan's mother joins them, she is surprised and a little displeased at the new friendship, whereas Peter's mother is delighted that her son has found a playmate.

Language: German
Audiences: /Primary education/, /secondary education/, /adult education/
Teaching objectives: To encourage children to give thought to the needs and problems of the /handicapped/, to enable them on the basis of the story presented to effect a change of attitude - away from the purely charitable approach and towards a more realistic reaction.
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2613 0-0

eav192

362
ANDRE - WIE SOLL MAN MIT IHM UMGEHEN?
(ANDRE - HOW ARE WE TO TREAT HIM?)
Authors: Schrieber, G; Bachmann, W; Kapuste, P
Federal Republic of Germany: Institut fuer Film und Bild, 1974

FILM 16mm, sound: 22 min: col
PRINTED MATERIAL Teacher's guide, 6p

Contents: Andre is a 12-year-old boy with spastic symptoms. In spite of this disability he is a cheerful child. He lives at home with his parents, who have two other children. The film was taken over a period of three weeks. It shows unrehearsed scenes from Andre's life, in which no actors took part. It differs from the usual documentary film in being devoid of commentary. This unorthodox use of the medium stimulates precise observation on the part of the viewer, who is required, as it were, to make up his own commentary. The absence of words means that no verdicts are attempted, except where conveyed by choice or sequence of pictures or by perspective. When the film begins Andre looks quite like a healthy child. He swims, rides, cycles through town, and returns a ball thrown in his direction. The film then gradually reveals his handicaps as seen in his movements, his facial expression, his speech. The film has no continuity of action. Its quality lies in the genuine and natural character of the individual scenes, which combine to convey a living impression of Andre's existence.

Language: German
Audience: /Primary education/, /age group/ 9 and older, /secondary education/, adult education/
Use: The film is an observation exercise without commentary. It is designed by way of the viewer's first approach to the problems of the /handicapped/ to foster understanding and to help in the development of appropriate reactions.
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2561 0-0

eav165

362.3
UTVECKLINGSSTORDA BERATTAR
(MENTALLY HANDICAPPED PEOPLE TELL US ABOUT THEIR LIVES)
Sweden: The Committee for TV and Radio in Education (TRU), 1975

FILM 16mm, sound: 8 films: 235 min: bw
VIDEO RECORDINGS Philips VCR: 8 recordings: 235 min: bw
PRINTED MATERIAL Student work sheets for each recording

Contents: 1. Living in institutions. Some mentally handicapped people introduce themselves and their situation. 2. How Should I Know. A recording from a conversation group working according to the methodology of Freire. 3. What Future Is Based on. The problems involved in not being treated as an adult. 4. The Parents. A conversation between parents of mentally handicapped people. 5. The New Home. A mentally handicapped man tells us about his life. 6. Emotions and Handicap. A recording from a day centre where they talk about emotions, harmony and handicap. 7. Family Life. A play where mentally handicapped people play different family roles as a basis for discussion. 8. Safari. Another role play built on free associations.

Language: Swedish
Audience: /Parent/s of /mentally handicapped/ people. /Student/s being trained to work in institutions. /In-service training/ for /teacher/s and other /personnel/ in institutions. The /mentally handicapped/.
Use: /Group work/. It is possible to use the recordings separately at conferences, /meeting/s and /course/s. /Teaching objective/: to confront the student with people who are /mentally handicapped/ in order to show how deeply prejudiced we are in this field.
International interest: Problems concerning the /mentally handicapped/ are common to all countries. /Mentally handicapped/ people themselves appear and discuss their problems, which is an unusual way of presenting the material, and this gives the audience the opportunity of observing the behaviour of /mentally handicapped/ people.
Availability: Hire or Sale.

Information agency: NSBE Stockholm

eav064

362.7
DAS SCHLUESSELKIND
(THE LATCH-KEY CHILD)
Authors: Huelst, H J; Berg, A; Schindler, H
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1963

SOUND RECORDING Tape (reel): 13 min
PRINTED MATERIAL Teacher's booklet, 16p

Contents: The tape describes a small family in which no member achieves happiness despite each trying his best. This particular case is intended to give the listener an idea of the emotional state of a child who experiences little parental love and family life beyond the possession of a latch-key. The case in point is not in the emergency category, but since tens of thousands of families currently make their offspring into latch-key children without any real necessity, the happenings recorded on the tape represent a typical case, in which all possibilities are left open for discussion.

Language: German
Audiences: /Teachers/ and /student teachers/
Use: /Teacher education/
Availability: Sale.

Information agency: FWU Munich
Reference number: 20 0197 0-0 / 22 0197 0-0

eav198

37
SKOLAN I SAMHALLET
(SCHOOL IN SOCIETY)
Sweden: LiberLaromedel, 1968

FILM 16mm, sound: 26 min: col

Contents: The Swedish reform of education, adopted in 1962, recognizes more than previously that school is a part of society, that teaching is a part of the training for social responsibility and participation in community life. The film illustrates school's integration into society and the changes taking place in society and in school.

Language: Swedish, English, French.
Audience: /Teacher education/.
Use: /Lecture/ illustration.
International interest: The film emphasizes that education should above all prepare the student to act as responsibile citizens in society. It also shows school as an integral part of community life. 3 language versions available.
Availability: Sale.

Information agency: NSBE Stockholm

eav072

371.2
EN SKOLA I LONDON
(A SCHOOL IN LONDON)
Sweden: The Committee for TV and Radio in Education (TRU), 1974

FILM 16mm, Sound: 23 min: col
VIDEO RECORDING Philips VCR: 23 min: col PAL

Contents: Prior Weston School in London is in many ways different from usual schools, though it is not a private school or an experimental school. It is an open school, no doors or corridors. The teachers have large groups, about 35 children. The age groups are mixed. 5-8 year old children work in the same groups. The teacher always has an assistant to help him. The groups work on different subjects. The recording shows what can happen to children of five or six during a day. The school is open both to children and adults one hour before teaching starts. They have no intervals but a lunch-break of an hour and a half, when the children are allowed to stay at school or play outside the school-building.

Language: Swedish.
Audience: /Primary education/, /age group/ 5-9
Uses: /Lecture/ illustration. It is the aim of the recording to show what happens during a day in a school in London.
International interest: It is interesting for young children to see what happens in schools in other countries.
Availability: Hire or Sale.

NSBE Stockholm

eav081

371.26
RECORD KEEPING
United Kingdom: Council for Educational Technology for the UK, 1975

TRANSPARENCY 4 frames
SOUND RECORDING Tape (cassette): 9 min
PRINTED MATERIAL User's manual, 24p: handouts, 6p

Contents: The introduction of a flexible approach to the primary school curriculum in Britain, particularly with regard to individualized teaching and the integrated curriculum, has created considerable interest in the need to keep records of the work children do, the progress they make and problems they are having. The materials describe the record keeping employed in 2 schools operating in these new conditions.

Language: English.
Audiences: /Teacher education/ and /in-service training/.
Use: /Lecture/ illustration.
International interest: The method illustrated may be of interest wherever /individualized teaching/ is being introduced into /primary schools/.
Availability: Sale.

Information agency: CET London

eav144

371.38
DE KLASSEDISKUSSIE
(CLASS DISCUSSION)
Presenter: Hooymayers, H.P.
The Netherlands: University of Utrecht, 1972

VIDEO RECORDING 1 inch Philips EL 3402: 27 min: bw

Contents: A simple physical experiment in a secondary school. After having been set a problem the pupils are asked to suggest possible solutions. Discussion leads to the right solution.

Language: Dutch.
Audience: /Student teachers/.
Uses: To develop an appreciation of the use of class discussion.
Availability: Hire.

Information agency: NBLC The Hague
Reference number: H 21

eav019

371.5
AUSDRUCK UND VERHALTEN EINES SCHUELERS IN DER DIKTATSTUNDE
(EXPRESSION AND BEHAVIOUR OF A PUPIL DURING A DICTATION LESSON)
Author: Stueckrath, F.
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SLIDE 11 slides: bw
PRINTED MATERIAL Teacher's notes, 8 p.

Contents: 1. Reaction to a reprimand by the teacher, 1st phase. 2. Reaction to a reprimand by the teacher, 2nd phase. 3. Reaction to a reprimand by the teacher, 3rd phase. 4. The effort to pronounce a difficult word. 5. Concentration on dissecting of the word. 6. Discovery of the key feature of the word. 7. Digression from the task. 8. Copying from the next boy. 9. Openness - and also reserve- towards the teacher. 10. The escapist ploy. 11. Recovery of self-assurance and good humour.

Language: German.
Audiences: /Teachers/.
Uses: /Teacher education/, /further education of teachers/.
Availability: Sale.

Information agency: FWU Munich
Reference number: 10 0893.0-0

eav199

371.62
LAYOUT FOR LEARNING
Author: Smith, P.
United Kingdom: Council for Educational Technology for the UK, 1974

SLIDE 55 slides, col.
SOUND RECORDING Tape (cassette): 14 min.
PRINTED MATERIAL Booklet, 28p.: Book (The Design of Learning Spaces, by Smith, P.)

Contents: The presentation deals with the classroom as a teaching space. Using examples from various types and levels of secondary schools, it shows the ways in which reorganization of the teaching space can be used beneficially for teaching purposes. The problems caused by design faults are also explored. The design of the classroom is seen as an ongoing process which is to be continued by each teacher adapting the space as originally provided for his particular purposes.

Language: English.
Audience: Teachers in /secondary education/.
Use: /In-service training/. /Teaching objectives/: 1. to show teachers how educational technology can be used to improve the effectiveness of teaching and learning 2. to promote discussion and ideas on how classroom areas can be used to achieve different teaching objectives.
International interest: The illustrations and ideas are of universal interest.
Availability: Sale.

Information agency: CET, London.

eav140

371.67
PURLEY OAKS: RESOURCES IN AN INFANTS' SCHOOL.
United Kingdom: Council for Educational Technology for the UK, 1974

FILM 16mm, Sound, 13 min, col.
SOUND RECORDING Tape (cassette): 26 min.
PRINTED MATERIAL User's manual, 32p.: handouts, 9p.

Contents: A study of the methods employed in a surburban infants' school (primary school for children in the 5-7 year age group). Using simple audio visual resources in the context of an integrated curriculum. The children are seen using cassette tape recorders, audio-card readers and cameras, both on their own and with teachers. The sound recording supports the film by a comprehensive discussion with the headteacher about the school's background and the issues raised by the work shown in the film.

Language: English.
Audience: /Teacher education/ and /inservice training/ relating to the /age groups/ 5-7.
Use: To create discussion about the educational implications of the methods demonstrated.
International interest: The use of simple audio-visual equipment with and by very young children.
Availability: Sale.

Information agency: CET, London.

eav143

371.67
THE AUDIO VISUAL CLUB
United Kingdom: Council for Educational Technology for the UK, 1975

FILM 16mm, Sound, 14 min, col.
SOUND RECORDING Tape (cassette): 14 min.
PRINTED MATERIAL User's manual, 20p.

Contents: Children in a middle school (age group 9-12 years) are seen using most kinds of audio-visual equipment and teaching aids with competence and responsibility. The concern however is not specifically with the audio-visual media nor with the children's ability to handle them, but with the exploitation of these aids to advance the social development of the older children.

Language: English.
Audience: /In-service training/ for teachers for /age group/ 9-12.
Use: Illustrative material and discussion starter for use by organisers of courses in educational technology.
International interest: Shows how readily young children can learn to use /audio-visual equipment/ and /teaching aids/. Has specific relation to the social development of children.
Availability: Sale.

Information agency: CET London.

eav142

371.9
ATT KANNA, LYSSNA OCH ÖVA
(TO FEEL, LISTEN AND EXERCISE)
Sweden: LiberLaromedel, 1966

FILM 16mm, sound: 31 min: bw

Contents: The film contains a series of exercises for the different moments of speech and rhythm training in music-rhythm teaching. In this way it constitutes a synthesis of suggestions for teaching methods which every teacher can work further on. The film is primarily intended for teacher training and in service training of special school teachers for children with hearing defects. It can also be of interest for general teacher education as it illustrates the central problems in the teaching of children with hearing defects.

Language: Swedish.
Audience: /Teacher education/.
Uses: /Lecture/ illustration or /group work/. /Teaching objective/: to give methodological suggestions for /speech training/ and rhythm /training/.
International interest: The film can be used as a model for producers of materials for /teacher education/ in the field of music and rhythm.
Availability: Sale.

Information agency: NSBE Stockholm.

eav059

371.9
FYSISK TRANING FOR UTVECKLINGSSTORDA ELEVER
(PHYSICAL EDUCATION OF MENTALLY HANDICAPPED PUPILS)
Sweden: LiberLaromedel, 1970

FILM 16mm, Sound: 17 min: col

Contents: The film gives general guidelines on the physical education of mentally handicapped pupils, the worth and importance of giving these pupils well adapted and stimulating teaching. It also illustrates the specific motor difficulties which characterize pupils in special education and which require an individually adapted physical education.

Language: Swedish
Audience: /Teacher education/
Uses: /Lecture/ illustration, /group work/ or /individual work/. /Teaching objective/: to make the /student/ understand the importance of /physical education/ of /mentally handicapped/ pupils.
International interest: The /documentary film/ is material from experimental activities in 1968/69 with a special programme for /physical education/ made by the National Board of Education in Sweden.
Availability: Sale.

Information agency: NSBE Stockholm
eav089

371.9
MITT BARN BEHOVER HJALP
(MY CHILD IS IN NEED OF HELP)
Sweden: LiberLaromedel, 1972

FILM 16mm, sound: 20 min: col

Contents: Already at babyhood, childbirth injuries and other kinds of handicap can be observed. But few of the parents of handicapped children know what possibilities of help and care are available in society. The film shows how little motor handicapped children and their parents get into contact with one of the special nursery schools for children with this handicap.

Language: Swedish.
Audience: /Teacher education/
Uses: /Lecture/ illustration, /group work/ or /individual work/. /Teaching objective/: to inform the /student/s how important it is that child birth injuries are observed early.
International interest: The material can be used as it is in /teacher education/. The teacher can make his own comments. It could also be used as a model for production of similar material.
Availability: Sale.

Information agency: NSBE Stockholm
eav057

372.21
BARN OCH FARG
(CHILDREN AND COLOUR)
Author: Stockhaus-Lundblad, K
Sweden: LiberLaromedel, 1964

FILM 16mm, Sound: 22 min: col

The film is about pre-school children, how they can experience the varying colour nuances of nature and how they can work with a richer colour scheme. The film offers many ideas for work with colours among children.

Languages: Swedish and English.
Audience: /Teacher education/.
Uses: /Lecture/ illustration and /group work/.
International interest: Education is traditionally directed towards knowledge. This film points to the importance of supporting the child's /creative activities/ from an early age.
Available in 2 language versions.
Availability: Sale.

Information agency: NSBE Stockholm
eav063

372.4
DAS GELIEHENE BUCH
(THE BORROWED BOOK)
Authors: Schuele, K; Kuske, F
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1973

SLIDE 7 slides: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: The action involves a schoolgirl and a schoolboy; it comprises the following scenes: 1. In the street - a boy gives a girl a book. 2. At home - the girl is seated at a table alone, and is painting. The book is in front of her. 3. At home - the girl reaches for a tangerine in front of her, and knocks into her water glass. 4. At home - the glass is overturned and the painting water spilt on the borrowed book. 5. At home - the girl is shocked and distressed. 6. At the door of the girl's home. The boy has come to get the book back. The girl is facing him. 7. Also at the door - the boy shows surprise at the appearance of the book.

Audiences: /Primary education/ 3rd & 4th school years; schools for /backward child/ren; /secondary education/.
/Teaching objective/: encouragement of expression (narration, description, dialogue, discussion).
Availability: Sale.

Information agency: FWU Munich
Reference number: 10 2279 0-0
eav200

372.4
LANGUAGE FOR LEARNING
United Kingdom: Inner London Education Authority, Centre for Urban Educational Studies, 1972-1975

SOUND RECORDING Tape (cassette): 8 recordings
PRINTED MATERIAL 374 cards, 2 pamphlets, 6 boards, 64 workbooks

Contents: A series of simply structured language materials.
Unit 1: Classification: happy families, animal and transport sorting cards.
Unit 2: Story telling: picture cards for children to arrange in sequence and describe the events.
Unit 3: Enquire and eliminate: 4 board games to develop enquiry techniques.
Unit 4: Listen, discuss and do: involves groups of 4 children listening to a sound recording. They are encouraged to discuss the instructions, riddles, puzzles and stories, before drawing and colouring in their individual books.
Unit 5: Compare and enquire: series of board games to encourage children to develop the skills of differentiating, describing and questioning.

Language: English.
Audience: /Primary education/, /age group/ 5-9.
Uses: In /small group/ activities. /Teaching objectives/: to help young children develope oral skills. Each unit aims to develope specific language skills through the practice of techniques demanded in particular games and other activities.
International interest: Most of the /learning kits/ can be used with any language.
Availability: Sale.

Information agency: CET London
Reference number: LG1-5
eav145

372.5
RYTHMIQUE TEMPORELLE POUR ENFANTS DE 5-A 10 ANS
Auteurs: Plantard, R; Dourlen, G
France: Centre regional de documentation pedagogique d'Amiens, 1971

ENREGISTREMENT SONORE disque: 2 enregistrements: 120 min
IMPRIMES 1 notice, 24 p

Contenu: Exercices d'education rythmique avant pour but l'acquisition de la notion de corporeite. Des rythmes simples, executes sur divers instruments (piano, clarinette, hautbois, contrebasse et tambourin) guident l'enfant dans l'execution de divers mouvements (deplacements, evolutions, relachement des membres, etc.) par lesquels l'expression corporelle s'affirme dans des situations psychomotrices.

Langue: Francais
Auditoire: /Ecole maternelle/, /education pre-scolaire/, /enseignement primaire/
Utilisations: Education /psychomotrice/ des tout-petits, des enfants /handicapes/ en cours de /readaptation/
Interet international: Le texte de la notice peut servir de base a une adaptation dans une autre langue
Disponibilite: en vente

Agree par le ministere de l'Education sous le numero D 71-26.
Agence d'information: INRDP Paris
Numero de reference: CS 701 008 & 701 009

eav249

372.7
SPELEND REKENEN
(MATHEMATICS THROUGH PLAY)
Author: University of Utrecht
The Netherlands: Stichting Film en Wetenschap, 1972

FILM 16mm, Sound: 19 min: col

Contents: Three groups in a nursery-school, each with its own activity: scales (weight), water (liquid measures), logic blocks (sorting shapes). In the playground a large group of children is busy measuring, with the help of various measures of length, others are sorting. Experimental approaches to basic mathematical ideas. Not instruction, rather pleasures in problem solving.

Language: Dutch
Audience: /Student teachers/, /Teacher/s in /pre-school education/ and /primary education/
Uses: Study of spontaneous learning of mathematics by young children.
Availability: Hire.

Information agency: NBLC The Hague
Reference number: 956

eav006

391
TAPA: LIFE AND WORK ON A SOUTH SEA ISLAND
Author: Kooyman, S (National Museum of Ethnology, Leiden)
The Netherlands: National Museum of Ethnology, no date

FILM 16mm, Sound: 25 min: col
PRINTED MATERIAL: Descriptive leaflet (English)

Contents: The film was made on Moce Island, Lau Group, Fiji. It shows the complete process of the making and decorating of bark-cloth or tapa by Vosa Olinipa, one of the expert tapa workers of the island. The making of colourful stencilled tapas is the local specialization. These tapas play an important part in the traditional trade and exchange relations with the innabitants of the other islands of the Lau Group. Moce Island is also one of the main production centres for 'commercial' tapa which is offered for sale in Suva, the capital of Fiji as well as in New Zealand and Australia. On the island community tapas are used in feasts and ceremonies such as marriages and burials. A ceremony called 'vakataraisulu' which marks the end of a 100-day period of mourning after the death of a chief, is presented in the film. Tapas are the spectacular characteristics of this festival the culminating point of which consists of the offering of an impressive roller-like tapa of great length to the chief of the island.

Language: English
Audiences: General public (lay audience), /higher education/, art professions
Uses: Ethnology, anthropology, design and composition, aesthetics.
Availability: Hire or Sale.

Information agency: NBLC The Hague
Reference number: 1206 B

eav036

392.3
ATT VARA TVA
(TO BE TWO)
Sweden: Esselte Studium, 1975

SLIDE 47 slides: col
SOUND RECORDING Tape (reel): 26 min: with Synchronisation

Contents: Lars and Gunilla are two young people who like each other very much but are rather different. They think that it is so difficult to adjust themselves to each other that they are almost giving it up. But then they discover that they are going to have a baby. It is a funny and unconventional treatment of the problems involved in living together. The roles of the sexes in a family are discussed, especially the roles of being a father and a mother. The changes of their life when the child is born are shown. Different ways of living are also discussed - in the small family and in a big household, where several families live together.

Language: Swedish.
Audiences: /Secondary education/, /age group/ 14-16.
Uses: /Lecture/ illustration, /group work/ or /individual work/ in /social sciences/ or /moral education/. /Teaching objective/: to prepare the students for their adult lives.
International interest: The material can form a basis for discussions of problems involved in living together. Many established views are questioned.
Availability: Sale.

Information agency: NSBE Stockholm

eav060

394.9
HEJ, VALKOMMEN TILL MIG
(HALLO, WELCOME TO ME)
Sweden: The Committee for TV and Radio in Education (TRU), 1973

FILM 16mm, Sound: 16 min: col
VIDEO RECORDING Philips VCR: 16 min: col PAL

Contents: A Swedish family moves to Italy because the father has got a job there. It is difficult for the children not to understand the language and they have no friends there. The school they go to is different from a Swedish school. The Italian children have games which the Swedish children are not familiar with. When the family moves back to Sweden again the children understand how immigrant children feel in a foreign country.

Language: Swedish
Audience: /Primary education/, /age group/ 5-9
Uses: /Lecture/ illustration. /Teaching objective/: to help the student to understand how immigrant children feel in a foreign country
International interest: The material is an interesting effort to make small children understand immigrant problems. The illustrations are such that the recording can be used effectively without the sound
Availability: Hire or Sale

Information agency: NSBE Stockholm

eav082

394.9
MAMA UND PAPA: AFRIKANER ALS UNTERMIETER
(MUM AND DAD: AFRICAN LODGERS)
Authors: Heller, B; Heller, P; Strube, H-H
Federal Republic of Germany: Institut fuer Film und Bild, 1972

FILM 16mm, sound: 20 min: bw
PRINTED MATERIAL Teacher's booklet, 11p

Contents: "Mum" and "Dad" is how a small group of Nigerians address their hosts, a retired couple who speak to their "charges" with the familiar "Du" and intend to turn them into "decent folk". "They've a lot to learn", is Dad's opinion; "they're not properly civilized, they're like their ancestors - no thought for the morrow. I reckon all blacks are a bit dumb. They were too late learning to think". "They can't tell the truth either", adds "Mum", "and there's no holding them if they catch sight of a bit of white skin". The neighbours envy the couple the heavy rent they charge. Their protests are loud but anonymous. No doubt they wish in this way to help the Africans, but so far none of them has offered them more favourable accommodation. The camera team lived for about three weeks side by side with the Nigerians in a small detached house on the outskirts of Luneburg, talked to hosts and tenants, recorded the conversations, and filmed everyday contacts between the former and their "charges".

Language: German
Audience: /Secondary education/, /general education/. Knowledge of geographical position of Africa and of the state of Nigeria is assumed
/Teaching objective/: a contribution to the problem "Racism in the German FR"
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2423 0-0

eav162

5
SA TRODDE MAN FORR
(CHANGES IN OUR PICTURE OF THE WORLD)
Author: Jonasson, J
Presenter: Jonasson, J
Sweden: The Committee for TV and Radio in Education (TRU), 1973

FILM 16mm, sound: 5 films: 150 min: col
VIDEO RECORDING Philips VCR: 5 recordings: 150 min: col PAL
SOUND RECORDING Tape (reel): 5 recordings: 100 min
PRINTED MATERIAL Textbook

Contents: The history of natural sciences from antiquity to the technological and industrial revolution of the nineteenth century. The material is divided into five parts each of which consists of one film, one sound recording and one section of the textbook.
1. The birth and evolution of natural sciences in classical Greece.
2. The earth and the sun change places. Copernicus, Galilei, Kepler and Newton.
3. How chemistry became a science. The search for the philosopher's stone.
4. The views on the origin and evolution of life up to the theories of Darwin.
5. Some scientists discuss the evolution of the natural sciences.

Language: Swedish
Audience: /Adult education/. Useful also for /secondary education/, /age group/ 14-17
Use: Can be used for /group work/ or /individual work/ in the natural sciences. /Teaching objective/: to enable the /student/ to put modern views on natural sciences into their historical, political and social framework.
International interest: The sound can be suppressed and the teacher can make comments in his own language. The material is easy to translate. Scripts in Swedish are available
Availability: Hire or Sale

Information agency: NSBE Stockholm

eav098

51
JUNIOR MATHS
United Kingdom: Inner London Education Authority, Media Resources Centre, 1972-1975

PRINTED MATERIAL Work booklets, and cards to be cut up

Contents: 1. Number bonds. To help to build up experience of number bonds involved in multiplication tables. 2. Step by step. Activities surrounding the notion of change. 3. Turnaround. Allows exploration of some of the possibilities of rotation through pattern making activities and a game. 4. Relations. Starts with relationships within a family and goes on to investigate the same idea in a more mathematical context, using sets of numbers and shapes. 5. Guess what! Games, activities and simple apparatus for experiments which introduce early notions of guessing, chance and probability.

Language: English
Audience: /Primary education/, /age group/ 7-10
Use: To start /small groups/ on work around some newer topics in mathematics. Prepared as 5 /learning kits/, each for 4 pupils
International interest: Prepared using very few words
Availability: Sale

Information agency: CET London
Reference number: JM1-5

eav147

511
BASE 10
Auteurs: Huhardeaux, C; Bolon, J
France: Office francais des techniques modernes d'education, 1971

FILM Super 8mm, Parlant: 4 min: coul
IMPRIMES 1 fiche technique, 2p

Contenu: Le systeme de numeration en base dix. Apres avoir presente les "objets", une collection de points rouges, le film montre les regroupements en deux triangles de dix points rouges chacun. Puis, l'ensemble est arrange pour former un arbre et fournir un bilan sous forme de codage numerique. Une autre sequence montre le mecanisme de l'addition en base dix.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisations: Utilisation en classe des /mathematiques nouvelles/
Interet international: Possibilite d'un commentaire parle ou enregistre par le presentateur dans sa propre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 1 472

eav245

513
THE DELIAN PROBLEM
Presenters: Waerden, B L. van der; Flegg, G
United Kingdom: The Open University, 1976

FILM 16mm, Sound: 25 min: col

Contents: One of the three classical geometrical problems proposed by the Greeks, the Delian problem, is examined. Many animations are used to illustrate points.

Language: English
Audience: /Undergraduates/
Use: An Open University broadcast for students studying the second level course, History of Mathematics, supplementing the readings for the course.
Availability: Hire or Sale.

Information agency: CET London
Reference number: AM 289/03

eav135

523.3
LA LUNE
France: Cooperative de l'enseignement laic - Editions de l'Ecole moderne francais, 1968

DIAPOSITIVE 12 diapos: coul
ENREGISTREMENT SONORE disque: 12 min
IMPRIMES Notice, 8p

Contenu: Images de la Lune. Premier croissant, la face cachee, la terre vue de la Lune, dernier quartier, la pleine Lune, la "mer des pluies", le cirque Kepler, crateres lunaires provoques par les chutes de meteorites, le cratere Copernic, volcanisme lunaire, le sol lunaire, la vraie couleur de la Lune. Photos prises au telescope, a partir de satellites et de sondes lunaires (Surveyor). L'interview de l'astronome Audouin Dollfus a ete enregistree par les eleves d'une ecole primaire.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil, astronomie
Interet international: Images peu frequentes; le disque peut etre remplace par un commentaire parle ou enregistre dans toute autre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 834

eav208

523.7
NOTRE SOLEIL: LA STRUCTURE DE LA MATIERE
France: Cooperative de l'enseignement laic - Editions de l'ecole moderne francaise, 1972

DIAPOSITIVE 12 diapos: coul
ENREGISTREMENT SONORE disque: 12 min
IMPRIMES Notice, 8p

Contenu: L'observation du soleil. L'importance de l'activite solaire (taches noires, taches blanches), la production d'energie (chaleur), le phenomene de l'eclipse (couronne solaire). La spectrographie. Les mouvements du soleil. L'importance du soleil, source de vie. La centrale atomique EDF 1 de Chinon. L'interview de Charles Fehrenbach, directeur de l'Observatoire de Saint-Michel-de-Provence a ete enregistree par les eleves d'une ecole primaire.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil, astronomie, energie naturelle
Interet international: Le disque peut etre remplace par un commentaire parle ou enregistre dans toute autre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 849

eav238

531.6
TRE LJUDBILDBAND OM ENERGI
(ENERGY)
Sweden: LiberLaromedel, 1974

SLIDE 50 slides: col
SOUND RECORDING Tape (reel): 3 recordings: 45 min: with Synchronisation

Contents:
1. Energy in All Its Guises: surveys different types of energy, describes various practical exploitable units for energy and points out the difference between output and energy.
2. Energy from Atoms: describes atoms and their structure, what happens during nuclear fission and how it is possible to exploit nuclear fission in nuclear power stations.
3. A Nuclear Power Station: tells us what a nuclear power station looks like and how it functions.

Language: Swedish.
Audience: /Secondary education/, /age group/ 14-16, /Adult education/.
Use: /Lecture/ illustration, /group work/ or /individual work/. /Teaching objective/: to give a basis for further studies of the energy problems. No prior knowledge is assumed.
International interest: The material treats intricate problems in a simple way and can be combined with any /textbook/s on energy.
Availability: Sale.

Information agency: NSBE Stockholm

eav097

534
EINFUEHRUNG IN DIE AKUSTIK, TEIL 1: SCHALL, LAUTHEIT, LAUTSTAERKE
(INTRODUCTION TO ACOUSTICS, PART 1: SOUND, LOUDNESS, SOUND VOLUME)
Authors: Krueger, H.; Hinz, W.; Suhr, G.
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SOUND RECORDING: Tape (reel); 23 min.
PRINTED MATERIAL: Teacher's guide; 2p.

Contents: Acoustic signals from the environment - Sound as an acoustic element - Tone level and frequency - Frequency range 60 Hz-15,000 Hz - Amplitude and loudness - Subjective assessment of loudness - Interference signals and information signals - Objectively measurable sound magnitudes - Sonic pressure - Ratio of sonic pressures - Sound volume - Sound volume levels 40 phons, 20 phons, 3 phons, 2 phons, 1 phon - Limits of electroacoustic transmission. The following musical excerpts were used as examples: 1: Gershwin, Rhapsody in Blue; 2: Jackson, Higher and higher; 3: Henze, Jack Pudding; 4: Oliver, Opus one; 5: Lee, Manana; 6: Timmons, Noarin.

Language: German
Audience: /Vocational education/ for electrical engineering, telecommunications. A knowledge of the production and transmission of sound is assumed.
/Teaching objective/: to familiarize /pupil/s acoustically with the notions of sound, frequency, tone level, amplitude, loudness, interference signals, sound volume, measurement by phons.
Availability: Sale

Information agency: FWU Munich
Reference number: 20 2011 0-0

eav179

535 6
KLEUR
(COLOUR)
Authors: Santen, C. van
Presenter: Ambry, M.
The Netherlands: Ned. Instituut voor Audiovisuele Media, 1973

FILM: 16mm, sound, 16 min, col.
PRINTED MATERIAL: Teacher's notes

Contents: Colour constitutes an important element in daily life. Discussion of basic information on colours, such as colour circles, types of colour, saturation, etc. Use of colour in the manufacture of paint, in printing, in school and society.

Language: Dutch
Audience: /Secondary education/, /age group/ 13 and older, /Art education/
Use: To stimulate interest in colours.
International interest: The image is more important than the commentary.
Availability: Hire

Information agency: NBLC The Hague
Reference number: 1710

eav005

539 18
DE SAMENSTELLING VAN HET ATOOM
(THE STRUCTURE OF THE ATOM)
The Netherlands: Philips Nederland B.V., 1970

FILM: Super 8mm, silent, 3 min, col.
PRINTED MATERIAL: Booklet (Dutch and English)

Contents: The structure of the carbon and copper atoms.

Language: none
Audiences: /Secondary education/ and /university students/ of physics.
Use: To obtain an insight in the structure of atoms.
Availability: Hire

Information agency: NBLC The Hague

eav020

539 2
BROWNSCHE BEWEGUNG - MODELLVERSUCH
(BROWNIAN MOVEMENT - STUDY OF A MODEL)
Authors: Nestle, F.; Toepfer, E.
Federal Republic of Germany: Institut fuer Film und Bild, 1969

FILM: Super 8mm, silent; 2 min; bw
PRINTED MATERIAL: Teacher's guide; 2p.

Contents: Shown is a glass vessel. Beside it can be seen a motor fitted with an eccentric crank which is connected to a piston inside the glass vessel, in which there are two table-tennis balls and a greater number of small, uniformly-sized glass balls. The motor begins to turn. Through the movement of the piston the glass balls are projected upwards, soon they fill the interior of the glass container. Close-up shot reveals the irregular, intermittent agitation of the table-tennis balls caused by impact with the glass balls. The numerically superior glass balls repeatedly strike the table-tennis balls from all angles. The glass balls represent the molecules of a gas or liquid, the table-tennis balls may be considered as small objects within the gas or liquid. In reality, the number of incident molecules which impinge upon such a small object are subject to statistical fluctuations. For example, when droplets of fat suspended in milk are viewed under the microscope, one can witness this movement. This phenomenon is called Brownian Movement.

Language: German
Audience: /Secondary education/. A knowledge of the elasticity of material and a basic experience concerning phenomena of impact are assumed.
/Teaching objective/: to elucidate by means of a model the principles inherent in Brownian molecular agitation.
Availability: Sale

Information agency: FWU Munich
Reference number: 36 0024 0-0

eav157

551 21
DE GROND WAAROP WIJ WONEN
(THE SOIL ON WHICH WE LIVE)
The Netherlands: Fibo-Beeldonderwijs B.V., 1970

SLIDE: 30 slides, col.
PRINTED MATERIAL: Booklet with a commentary on every picture

Contents: After a discussion of the surface shapes of the earth, during which attention is concentrated on volcanism and earthquakes, various types of soil and their vegetation are dealt with.

Language: Dutch
Audiences: /Primary education/, /secondary education/, /age group/ 10-15.
Uses: /Lecture/ illustration, /group work/, /self-instruction/
International interest: Has already been sold in many countries.
Availability: Sale

Information agency: NBLC The Hague
Reference number: Fibocolor 484

eav032

551 21
HEMON - ETT VULKANUTBROTT OCH DESS VERKNINGAR
(HEMON - THE ERUPTION OF A VOLCANO AND ITS CONSEQUENCES)
Sweden: Esselte Studium, 1975

SLIDE 20 slides: col
SOUND RECORDING Tape (reel): 15 min: with Synchronisation

Contents: The material tells us about the unexpected eruption of the volcano on the Icelandic island of Hemon on the 23rd of January, 1973. The volcano, called Helgafjall, had been silent for 6000 years when the eruption came. The slides show how a volcano arises and how the eruption affects people in its neighbourhood. The extermination of a town in the course of a few days is described.

Language: Swedish
Audiences: /Secondary education/, /age group/ 14-16
Uses: /Lecture/ illustration in geography or civics; /Teaching objective/: to make the students aware of an eruption of a volcano which took place in their own life-time.
International interest: Rare material from an eruption which took place recently.
Availability: Sale

Information agency: NSBE Stockholm

eav090

551 4
LA CUESTA LORRAINE
Auteurs: Mercier, B.; Heraud, M.
France: Office francais des techniques modernes d'education, 1971

FILM Super 8mm: Muet: 5 min: coul
IMPRIMES Fiche technique, 2p

Contenu: Images aeriennes d'un relief caracteristique, celui de la cote ou cuesta. Les deux premieres sequences montrent, dans un long panoramique aller et retour, une partie de la cote de Meuse aux environs de Toul. On apercoit le relief dissymetrique constitue par un talus a profil concave, en pente raide (le front), et par un plateau doucement incline en sens inverse (le revers). Deux buttes temoins apparaissent dans la 3e sequence: le mont Saint-Michel et la cote Barine. L'helicoptere s'eleve a la verticale pour montrer dans les 4e et 5e plans l'ensemble de cette partie de la cote, ou sont perceptibles des traces legeres d'erosion et des surfaces boisees.

Langue: Francais
Auditoire: /Enseignement secondaire deuxieme cycle/
Utilisation: Classe de geographie physique, etude de morphologie: la cuesta, type de relief.
Interet international: Images aeriennes assez rares. Possibilite d'un commentaire parle ou enregistre dans sa propre langue par le presentateur.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 1 401

eav201

551 49
GRUNDWASSERBILDUNG
(FORMATION OF SUBTERRANEAN WATER)
Authors: Schnatmann, R.; Hebestreit, H.; Theilacker, G.
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

FILM Super 8mm, silent: 5 min: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: The formation of subterranean water is shown with the aid of a model. In an aquarium various layers of material have been built up: top soil, fine sand, gravel, silty loam, gravel. A young boy is asked to pour water from a 1 1/2 gallon container onto the grass covering the top soil. Soon one can observe how the water seeps through the top soil, the fine sand and the gravel. Later the water comes to the impervious silty layer, it then flows over this slightly inclined surface until it emerges as a spring at the side of the aquarium. The second part of the film shows again how the water seepage is stopped by the silt, but this time, in spite of the force of gravity, it creeps upwards into the hollow spaces in the loosely-bound gravel layer. The water collects at a level about the "banked-up water level" thus forming the ground water table. The last shot of this soil cross-section showing the water-saturated layer occurs again in the film "Drinking-water Borehole" in which methods used to tap such a source are explained.

Language: German
Audience: /Primary education/, /secondary education/, /general education/
Use: To demonstrate with the aid of a model how rainwater percolates through the soil forming subterranean water, and how this water then reaches the surface again as a spring leading to the formation of a ground water stream.
Availability: Sale

Information agency: FWU Munich
Reference number: 36 0222 0-0

eav188

551 5
BLICK VON DER ZUGSPITZE IM WECHSEL DER JAHRESZEITEN
(VIEW FROM THE ZUGSPITZE IN THE CHANGING SEASONS)
Authors: Ketzer, G.; Schneider, H.; Brunner, W.
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SLIDE 22 slides: col
PRINTED MATERIAL Teacher's booklet, 8p

Contents: 1. Clear day in autumn 2. Fog over the sub-Alpine plateau 3. Fog in the valley 4. Weather chart for slide 3 5. Broken cloud cover in January 6. Overcast sky 7. Winter landscape 8. Fohn in winter 9. Weather chart for slide 8 10. Early spring 11. In April 12. A May day 13. Fine summer weather 14. Cumulus cloud formation 15. Cumulus cloud formation 16. Thunderstorm on the Zugspitze 17. Weather chart, location of thunderstorms 18. After the thunderstorm 19. August sky 20. Septembe clouds 21. Early autumn 22. Early morning.

Language: German
Audiences: /Secondary education/, /general education/
Availability: Sale

Information agency: FWU Munich
Reference number: 10 2154 0-0

eav186

56
MICROPALEONTOLOGIE
Presentateurs: Angelier, J; Cadet, J
France: Centre regional de recherche et de documentation pedagogiques d'Orleans, 1974

DIAPOSITIVE 24 diapos: coul
IMPRIMES Livret, 23p

Contenu: Les "tests", extraits de sable ou de craie fossilifere, parmi lesquels divers foraminiferes, comme le nummulite, le globotruncana. Autre foraminiferes, orbitoline, fusulinide, alveoline, miliole, orthophragmine. Autres microfossiles, protozoaires, protophytes, thallophytes, phanerogames. Interet et signification des microfossiles: determination de l'age et de l'origine des sediments, les microfacies.

Langue: Francais
Auditoires: /Enseignement secondaire deuxieme cycle/, /enseignement superieur/
Utilisation: Geologie, paleontologie.
Interet international: Le texte du livret peut etre adapte ou traduit dans toute autre langue
Disponibilite: en vente.

Agence d'information: INRDP Paris

eav239

57(28)
SJON - ETT EKOSYSTEM
(THE LAKE - AN ECOLOGICAL SYSTEM)
Sweden: Esselte Studium, 1975

SLIDE 22 slides: col

Contents: The set of slides describes the lake as a closed ecological system, where different factors are at work. The nutritive chain is described by schematic drawings step by step, and is finally transformed into a nutritive web. The circulation in a lake in spring and in autumn is described. The role of men in the nutritive chain is illustrated. Examples are given of different kinds of lakes, rich and poor in nutrition, and their plants and fishes. Pollution of lakes and rivers is illustrated.

Language: Swedish
Audiences: /Secondary education/, /age group/ 13-17
Uses: /Lecture/ illustration, /group work/ and /individual work/ in ecology. /Teaching objectives/: to make the students understand important ecological connections in nature
International interest: The combination of photographs and drawings can serve as a model for construction of materials where it is important to make complex ecological courses easy to understand.
Availability: Sale

Information agency: NSBE Stockholm

eav075

574(48)
SVERIGES NATIONALPARKER I-III
(THE NATIONAL PARKS OF SWEDEN I-III)
Author: Holmasen, I
Sweden: Esselte Studium, 1975

SLIDE 77 slides: col
PRINTED MATERIAL Teacher's notes for each series

Contents: The three series of slides describe the nine national parks in the north of Sweden. The nature, the wild-life and the vegetation of the parks are illustrated. It is possible for people to make long tours in the parks by walking. There are specially marked tracks in the parks and huts have been built where people can spend a night. Rare animals and plants can be seen there.

Language: Swedish
Audience: /Primary education/, /age group/ 10-12
Uses: /Lecture/ illustration, /group work/, /individual work/ in geography. /Teaching objective/: to make the /student/s acquainted with some of the remaining wildernesses of Europe.
International interest: Provides an opportunity for young people to get to know a part of Europe which is fairly unknown to them
Availability: Sale

Information agency: NSBE Stockholm

eav076

574(48)
VANDRING PA FJALL
(EXCURSIONS IN THE SNOW MOUNTAINS OF SWEDEN)
Author: Lofterud, C
Sweden: Esselte Studium, no date

SLIDE 52 slides: col
PRINTED MATERIAL Student's booklet: teacher's notes

Contents: The material is divided into eight parts. Part one is an introduction to the studies which answers the question: What is a snow mountain? It illustrates the vegetation and the wild-life of the different zones of a snow mountain. The other seven parts of the material are on the following themes: A. The work of the glacier. B. Plants tell us about the snow. C. The life of the lemming. D. The year of the grouse. E. The migratory birds. F. A year with the bear. G. Have beasts of prey a right to live?

Language: Swedish
Audiences: /Primary education/, /age group/ 10-12
Uses: /Group work/, /individual work/, /lecture/ illustration in geography. /Teaching objective/: to acquaint the student with some aspects of the snow mountains in the north of Europe.
International interest: The material can be used as a model for constructing similar materials.
Availability: Sale

Information agency: NSBE Stockholm

eav071

574(866)
TIERE AUF GALAPAGOS
(FAUNA IN THE GALAPAGOS)
Federal Republic of Germany. Institut fuer Film und Bild (FWU), no date

SLIDE 17 slides: bw
PRINTED MATERIAL Teacher's booklet, 18p

Contents: 1. Volcanic island in the Galapagos. 2. Pioneer vegetation on lava. 3. Cactus forest in the coastal region. 4. Coloured marine lizard (Amblyrhynchus cristatus venustissimus). 5. Land iguana (conolophus subcristatus). 6. Male keel-tailed iguanid (Tropidurus albemarlensis). 7. Galapagos snake (Dromicus slevini steindachneri). 8. Giant tortoise (Testudo elephantopus porteri). 9. Flightless cormorant (Nannopterum harrisi). 10. Brown pelicans (Pelecanus occidentalis). 11. Galapagos albatross (Diomedea irrorata). 12. Male frigate bird. 13. Fork-tailed gull (Creagrus furcatus). 14. Galapagos buzzard (Buteo galapagoensis), male and female. 15. Galapagos finch (Cactospiza pallida). 16. Female sea-lions (Zalophus wollebaeki). 17. Fur seal with young (Arctocephalus galapagoensis).

Language: German
Audience: /Secondary education/, /age group/ 11-18
Availability: Sale

Information agency: FWU Munich
Reference number: 10 0726 0-0

eav172

575
GRUNDLAGEN DER VERERBUNG AM BEISPIEL DES RINDES
(BASIC GENETICS AS EXEMPLIFIED IN CATTLE-BREEDING)
Author: Horst, P.
Federal Republic of Germany. Institut fuer Film und Bild (FWU), no date

SLIDE 14 slides: bw
PRINTED MATERIAL Teacher's booklet, 11p

Contents: 1. Cow, mid-19th century. 2. Bull, 1914. 3. Cow, 1914. 4. Bull as produced by present-day breeding. 5. Cow as produced by present-day breeding. 6. Mitosis (indirect cell division). 7. Meiosis (reduction division). 8. Maturation division of sperm and eggs cells. 9. Fertilization diagram. 10. Inheritance of homozygous, identical characters. 11. Genetic determination of sex. 12. Mating of heterozygous animals. 13. Origin of new combinations. 14. Intermediate inheritance.

Language: German
Audience: /Agricultural education/, /agricultural training/
Availability: Sale

Information agency: FWU Munich
Reference number: 10 0706 0-0

eav173

575.3
EVOLUTION IN PROGRESS
Author: Kettlewell, H.B.D.
United Kingdom. University of Oxford, Department of Zoology, 1956

FILM 16mm, sound, 23 min, col

Contents: Based on an experiment by Dr Kettlewell, the film illustrates the process of natural selection. Pollution of atmosphere due to industrialisation leads to changes in flora. Dirt deposited on trees by prevailing westerly winds leads to pollution in certain areas. The Peppered Moth is one of seventy species affected by the pollution of fauna. By 1848 the first black one had appeared; by 1955, 98 per cent of the population were black in industrial areas. Black insects are selected in non-polluted areas, and non-black in polluted areas. In Dr Kettlewell's experiment, pupae are trapped and transported to isolated areas to control immigration. Each insect is marked before release and the movement of the marked insects recorded. Other species are released at the same time to prevent birds becoming specialised in taking observed insects. Surviving moths are caught each night in traps. Close-ups in slow motion of moths being captured by such birds as the Flycatcher, Nuthatch, Song Thrush, and Yellow-Hammer are included.

Language: English
Audiences: /Undergraduates/ in Biology and Zoology
International interest: A classic and unique record showing natural selection in progress.
Availability: Sale

Information agency: CET London
Reference number: ZHE 98

eav109

575.3
LA VIE A LA CONQUETE DU BETON
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos, coul
ENREGISTREMENT SONORE disque: 2 enregistrements 28 min
IMPRIMES Notice, 16p

Contenu: Reportage sur l'adaptation de la vie vegetale et animale a des supports biologiques artificiels. Les vues presentent un certain nombre d'especes vegetales (herbe doree, fougere, passerage et eperviere des murailles, xanthorie, mousses et lichens) poussant sur des surfaces murales et monumentales ou vivent de petits animaux, escargots et lezards.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil en /sciences naturelles/, biologie vegetale et animale.
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre dans toute autre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: RV 171

eav236

576.3
CHEMIE DER ZELLE
(CHEMISTRY OF THE CELL)
Author: Kaudewitz, H.
Federal Republic of Germany: Institut fuer Film und Bild, no date

SLIDE 15 slides: bw
PRINTED MATERIAL Teacher's booklet, 12p

Contents: 1. Peptide molecule. 2. Peptide bond. 3. Primary structure of insulin. 4. Alpha-helix structure of a protein. 5. Proteide. 6. Myoglobin. 7. Keratin structure. 8. Corresponding DNA bases. 9. Uncoiled double DNA chain. 10. DNA double helix. 11. Uncoiling of DNA with replication - spatial view. 12. Uncoiling of DNA with replication - planar view. 13. Protein synthesis. 14. Cellular sites of protein synthesis. 15. Cellular transport pathways

Language: German
Audience: /Upper secondary education/
Use: Teaching of biology
Availability: Sale

Information agency: FWU Munich
Reference number: 10 0934 0-0

eav178

576.6
INFECTION OF CLOVER BY ROOT NODULE BACTERIA
Authors: Doncaster, C.C., Dart, P.J., Nutman, P.S.
United Kingdom: Rothamsted Agricultural Experimental Station, 1973

FILM 16mm, sound: 15 min: col

Contents: Describes the normal processes of infection of clover root hairs by root nodule bacteria, and subsequent nodule formation. Shows bacteria on the root hair surface by scanning electron microscopy and, by time-lapse cinemicrography, growing root hairs becoming infected. Shows the growth of infection threads and the development of nodules. By means of stained sections, the release of bacteria and their development within the nodule are illustrated. The time-lapse sequences are of special interest in showing the co-ordinated growth of the infection thread and its contained bacteria and the remarkable behaviour of the nucleus of the root hair cell.

Language: English
Audiences: /Undergraduates/ and /graduates/ in university and /polytechnical education/
International interest: Exceptional treatment of subject for scientific audiences
Availability: Sale

Information agency: CET London
Reference number: 2HE 139

eav106

577.4
CONSERVING THE COUNTRYSIDE
Author: Walters, T.M. in consultation with a National Working Group based at Dundee College of Education
United Kingdom: Scottish Centre for Social Subjects, 1975

FILMSTRIP 24 frames: col
SOUND RECORDING Tape (reel): 1 recording
PRINTED MATERIAL Teacher's notes. Sample worksheets and 2 sets of pupil references. Associated booklets and pamphlets made available by a selection of conservation organisations

Contents: Uses the themes of environment, pollution and two aspects of nature conservation and provides filmstrip material as the basis of discussion on each topic. The teacher's notes contain sample worksheets. The two final topics include pupil material. The first is a map exercise designed to promote conservation ideas which may be developed into projects in the student's home area. The second is a very simple simulation game involving practical conservation ideas. As an adjunct to the learning kit, a sound recording of readings, accompanied by a vocabulary, is provided. The readings are not simple or modified.

Language: English
Audience: Mixed /ability grouping/, but especially for /remedial teaching/, /age group/ 15 and older.
Uses: The /learning kit/ depends on discussion methods, particularly in /group learning/. /Teaching objectives/: the pupil understands the general concepts of environment, pollution and /nature conservation/ as exemplified in the specific examples presented; he understands their relevance to his own life and environment.
The main body of material is visual. The /learning kit/ illustrates low cost material that is well within the ability of many regional resource centres to produce.
Availability: Special arrangement.

The material was based on work originally produced by a working party at Dundee College of Education.
Information agency: CET London
Reference number: N 0635

eav111

577.4
DAS GROSSE GLEICHGEWICHT 1: DAS BESTE ABER IST DAS WASSER
(THE GREAT BALANCE OF NATURE 1: BUT IT IS WATER THAT COUNTS MOST)
Authors: Voigt, J., Eckholdt, M., Gunkel, W.
Federal Republic of Germany: Institut fuer Film und Bild, 1969

FILM 16mm, sound: 22 min: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: The film opens with a demonstration of the fundamental balance of nature and of its vital importance for flora, fauna and mankind. Wherever man interferes destructively with this balance without making constructive compensation, he destroys part of his own livelihood. Scientists and technicians are engaged in measuring the degree of this destruction and in developing effective counter-measures. Cartoon interludes illustrate chemical and biological processes.

Language: German
Audience: /Adult education/, local and regional government authorities, town and country planners, environment and nature conservation personnel. A general knowledge of biology is assumed.
/Teaching objective/: to convey basic notions of interdependence of life and environment; to promote understanding of biological balance in the ecological sphere and of the deleterious effect of human interference.
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2265 0-0

eav159

577.4
MANNISKAN - MILJODANARE - MILJOFORSTORARE
(MAN - CREATOR AND DESTROYER OF HIS ENVIRONMENT)
Sweden: Esselte Studium, 1975

SLIDE 18 slides
SOUND RECORDING Tape (reel): 10 min: with Synchronisation
PRINTED MATERIAL Workbook

Contents: This material is an introduction to environmental problems. Pollution of the air and the water by different human procedures are described. The problems of noise caused by different technical inventions are treated. Examples are given of how nature is devastated by man, wanting to make as much profit as possible from resources in nature which are not inexhaustible.

Language: Swedish
Audience: /Secondary education/, /age group/ 13-17
Use: /Lecture/ illustration. /Teaching objective/: to introduce environmental problems and make the /student/ aware of the role of man as a creator and a destroyer of his environment.
International interest: The material can be used as a complement to material produced locally.
Availability: Sale.

Information agency: NSBE Stockholm

eav085

577.4
MANNISKAN, DJUREN, NATUREN, EKOLOGI
(MAN, ANIMALS, NATURE, ECOLOGY)
Author: Segerstam, M.
Presenter: Segerstam, M.
Sweden: Swedish Broadcasting Corporation, Educational Department, 1975

FILM 16mm, sound, 4 films: 45 min: bw
VIDEO RECORDING Philips VCR: 4 recordings: 45 min: bw
PRINTED MATERIAL Student's booklet, teacher's notes

Contents: Ecology is the basis for all concerns about environmental problems. When we know how nature functions we understand what damages we cause by, for instance, pollution. This knowledge is connected with personal values, which should be discussed from early childhood. The first recording serves as an introduction and motivation without many facts. The second recording describes in a simple way ecology terms and principles and how nature functions whan human activity does not disturb and destroy. The third recording shows the change of man from a creature, adapted to nature to a destroyer of his environment. The fourth recording teaches us how important it is to realize that we function as a species of animal. We have to live with nature again.

Language: Swedish
Audience: /Primary education/, /age group/ 7-9
Uses: /Lecture/ illustration, /group work/ and /individual work/. /Teaching objective/: to teach the students how nature functions in order to prepare them intellectually and emotionally for discussions of ecology.
International interest: The sound can be suppressed and the teacher can make comments in his own language. The material is easy to translate.
Availability: Hire or Sale.

Information agency: Swedish Broadcasting Corporation, Educational Department

eav099

578
VI GOR EN EXKURSION
(WE MAKE AN EXCURSION)
Sweden: Esselte Studium, 1975

SLIDE 51 slides: col
SOUND RECORDING Tape (reel): 2 recordings: 25 min: with Synchronisation

Contents: The material is divided into two parts. The first part - one sound recording and 31 slides - describes the work in the forest. We follow a class on an autumn excursion. They collect leaves from trees and bushes, plants, fruits and seeds. They observe birds, mammals - their tracks and droppings. They look for insects and other small animals. Different kinds of tools are demonstrated, like sieves and pole-nets. The second part - one sound recording and 20 slides - describes their work at school with the material they have collected. They use different kinds of reference books in order to find out what kinds of material they have collected. They use botanical presses for their leaves and plants and paste them down on papers. They prepare their insects. Tools like magnifying-glasses and microscopes are shown.

Language: Swedish
Audience: /Secondary education/, /age group/ 13-16.
Uses: /Lecture/ illustration, /group work/ in botany. /Teaching objective/: to prepare the student for botanical /excursion/s and for the work at school afterwards.
International interest: The combination of theoretical material and practical work is interesting as a model for other materials.
Availability: Sale.

Information agency: NSBE Stockholm

eav070

578.6
MIKROSKOPIE
(MICROSCOPY)
Author: University of Utrecht (Medical Institute)
The Netherlands: Stichting Film en Wetenschap, 1972

VIDEO RECORDING 1 inch Philips EL 3402: 32 min: col SECAM

Contents: Discussion of a number of microscopes, both old and new types. The nature and function of the components.

Language: Dutch.
Audience: /University students/ (medical and biological).
Use: To develop an understanding of the uses of the microscope.
Availability: Hire.

Information agency: NBLC The Hague
Reference number: H 24

eav022

58
FLEURS 1
Presentateur: Chassaing, M
France: Diapofilm - Editions pedagogiques, 1971?

DIAPOSITIVE 12 diapos: coul
IMPRIMES 1 notice, 12 p

Contenu: Quelques fleurs communes (muguet, violette, jacinthe, coquelicot) permettant l'observation de leurs principales caracteristiques: fleur, pied, racines ou bulbe, fruit.

Langue: Francais
Auditoire: /Enseignement primaire/
Utilisations: Activite d'eveil en /sciences naturelles/, botanique
Interet international: Le commentaire de la notice peut etre remplace par un commentaire ecrit, parle ou enregistre dans toute autre langue.
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 9 362 AH

eav226

59
OUR WORLD: ANIMALS
United Kingdom: Macmillan Education, 1975

WALLCHART: 24 charts

Contents: 20 information charts grouped in fours, and colour coded for easy recognition. Also 4 stimulus charts each containing a single illustration - can be used for creative work of all kinds.

Language: English
Availability: Sale.

Information agency: CET London
Reference number: ISBN 0-333-18801-2

eav148

59(6)
PLUK EN PLOK IN AFRIKA, DEEL 1
(PLUK AND PLOK IN AFRICA, PART 1)
The Netherlands: Fibo-Beeldonderwijs B V, 1963

SLIDE 20 slides: col
PRINTED MATERIAL Booklet with a commentary on each picture

Contents: Two children go to a African kraal and live and eat there with the Africans. They see ostriches and are allowed to ride on their backs. They visit a drinking-place for wild animals and from a branch of a high tree they see zebras, lions, elephants, hippotami and all kinds of monkeys.

Language: Dutch
Audience: /Primary education/, /age group/ 8-9
Use: For elementary geography lessons in the first grades of /primary education/
International interest: Has already been sold in many foreign countries.
Availability: Sale

Information agency: NBLC The Hague
Reference number: Fibocolor 317

eav037

591.14
THE LIVING BODY: THE LYMPHATIC SYSTEM
Authors: Crosby-Browne, A; Cons, D (English version)
Presenter: Davies, G. (English version)
Federal Republic of Germany and United Kingdom: Institut fuer Film und Bild and Educational Foundation for Visual Aids (English version), 1975

FILM 16mm, sound: 14 min: col
PRINTED MATERIAL Teacher's notes

Contents: The flow of blood in capillary networks and the various pressures involved; the extrusion of lymph (and its composition); drainage of lymph by the lymphatic vessels (including live action sequences); the transport of dietary fat in the lacteals; the structure and distribution of lymph nodes; the role of macrophages in ingesting bacteria and cell debris and the response of the lymphocytes to the presence of antigens by the production of antibodies.

Language: English
Audience: /Upper secondary education/
Use: Class teaching illustration. Pre-nursing training.
International interest: International co-production project.
Availability: Sale.

Information agency: CET London
Reference number: 673 D24

eav115

591.4
THE BIOLOGY OF THE MOUTH
Author: Jones, E. (for General Dental Council)
United Kingdom: Bryanston Audiovision Ltd, 1975

SLIDE 12 slides: col
PHOTOGRAPHIC PRINTS AND DIAGRAMS: 26x21cm: 20 prints: bw
PRINTED MATERIAL Teacher's notes, 40p: worksheets

Slides: X-ray views of human and animal mandibles; stained section of human tooth; human dental enamel (micrographs); micro-organisms found in dental plaque. Photographic prints: human skulls at birth, 6 years, 13-14 years and adult, mandible of old toothless person; irregular teeth, teeth in criminology; carnivore, rodent and herbivore in action; jaw formations (silhouettes); dentistry; electromyography; schematic diagram of the scanning electron microscope, the uses of X-rays in dentistry; faces of children of different age groups (photographs). Moulds (one half of lower jaw in each case): 1. Man; 2. Young Child (about 7 years); 3. Dog; 4. Sheep; 5. Capybara.

Language: English
Audience: /Secondary education/
Uses: Project work in biology, /dental hygiene/, /social studies/, local survey work.
International interest: Commonality of subject. Includes tables from national surveys.
Availability: Sale.

Concept from exhibition on /occupational choice/ by Dental School of the University of Bristol. Experiments tested by Prof D.J. Anderson and his students. /Classroom/ trials by Miss Kate Sinclair, Head of Biology at Meadway Comprehensive School, Reading. Prepared with guidance of a Working Party of the General Dental Council and teachers' advisory group.
Information agency: CET London
Reference number: 671 P39

eav120

591 5
PETITS ELEVAGES EN CLASSE
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque: 2 enregistrements 27 min
IMPRIMES Notice, 16p

Contenu: Reportage sur la capture d'animaux et les dispositifs d'elevage a l'ecole. Images sur la peche dans une mare, l'installation des vivariums et aquariums avec leurs notes (tritons, salamandres, grenouilles, larves de libellule, etc.), une fourmilliere, un elevage de chenilles, des oiseaux en cage, le terrier du hamster

Language: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil en /sciences naturelles/
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre en toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero reference: RV 167

eav248

595 7
INSECTS HELPFUL TO MAN
Authors: Boulton, P; Bertram, R
Presenter: Braban, J
United Kingdom: Boulton-Hawker Films Ltd and Educational Foundation for Visual Aids, 1976

FILM 16mm, Sound: 18 min: col
PRINTED MATERIAL Teacher's notes, 6p

Contents: Present-day methods of silk and honey production, other ways in which man benefits from the activities of some insects, pollinating, scavenging, natural biological control

Language: English
Audience: /Secondary education/
Uses: Class teaching illustration and discussion starter
International interest: Commonality of subject
Availability: Sale

Information agency: CET London
Reference number: 656 D150

eav112

595 72
LA MUE IMAGINALE DU CRIQUET
Auteurs: Wauquier, P; Thomas, M
France. Office francais des technique modernes d'education, 1970

FILM Super 8mm, Muet: 5 min: coul
IMPRIMES Fiche technique, 2p

Contenu: Le deroulement complet de la derniere mue du criquet migrateur. Des larves de dernier stade sont presentees sur les vegetaux auxquels elles sont suspendues la tete en bas. Une sequence en accelere montre l'ensemble du phenomene de la mue. Puis, chaque phase essentielle est reprise dans l'ordre normal du deroulement. Des gros plans, en vitesse normale, permettent d'observer d'abord l'imminence, puis chacune des phases du processus de la mue, enfin, apres la sortie de la depouille, la fin de la metamorphose

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: En classe de /sciences naturelles/, lecon sur les insectes
Interet international: Images assez rares, possibilite d'un commentaire parle ou enregistre par le presentateur dans sa propre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero reference: I 548

eav212

595 76
MIKRO-CHIRURGIE BIJ DE COLORADOKEVER: TWEE EFFEKTEN VAN HET CORPUS ALLATUM BIJ DE IMAGO (MICROSURGICAL OPERATIONS ON THE COLORADO BEETLE; TWO EFFECTS OF THE CORPUS ALLATUM IN THE ADULT BEETLE)
Author: Wilde, J de (Wageningen Centre of Agricultural Science)
The Netherlands: Stichting Film en Wetenschap, 1975

FILM 16mm, sound: 10 min: col
PRINTED MATERIAL Descriptive leaflet

Contents: In insect physiology, microsurgical operations have proved to be indispensable tools for elucidating the role of the endocrine glands in several life processes. This film demonstrates the effect of removing the corpora allata from the head of the Colorado beetle. This operation, which is the central theme of the film, is performed without the aid of a micromanipulator. In addition, some aspects of normal beetle behaviour are shown under conditions of long- and short-day lengths. The film ends with a demonstration of the effect of the operation on this behaviour

Language: English
Audience: /University students/ and professional workers
Use: Research in entomology, biology, animal physiology, animal behaviour, phytopathology, microsurgery
International interest: Demonstrates a research technique which is little known outside the field of entomology. For professional workers it serves as an introduction to the technique. For university students it also demonstrates the effects of hormone on physiology and behaviour
Availability: Sale

Information agency: NBLC The Hague
Reference number: 1251-1

eav003

597 1
AMPHIOXUS
Author: Webb, J
Presenter: Webb, J
United Kingdom: University of London Audio Visual Centre, 1972

FILM 16mm, Sound: 33 min: col
PRINTED MATERIAL Bibliography

Contents: Made mainly from a series of photomicrographs of the living amphioxus, many of which are unique, in combination with diagram animation. Demonstrates the role of the notochord in undulatory swimming and contrasts the ciliary feeding of the adult living in sand with the macrophagy of the planktonic larva. Development of larval specialisations and their replacement by adult adaptations are shown. At metamorphosis a transitory unspecialised form exists suggesting the kind of animal that might once have been ancestral to the vertebrate

Language: English
Audience: /Undergraduates/ in biology and zoology
International interest: A unique study of this animal
Availability: Sale

Information agency: CET London
Reference number: B 120

eav104

597 6
LURCHE
(AMPHIBIANS)
Authors: Hermann, N; Kaestle, W
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SLIDE 18 slides: bw
PRINTED MATERIAL Teacher's guide, 8p

Contents: 1: Tree-frog (Hyla arborea). 2: Common frog (Rana temporaria). 3: Moor frog (Rana arvalis). 4: Edible frog (Rana esculenta). 5: Common toad (Bufo bufo). 6: Head of common toad, front view. 7: Green toad (Bufo viridis). 8: Natterjack toad (Bufo calamita). 9: Midwife toad (Alytes obstetricans), male, bearing eggs. 10: Eggs of midwife toad. 11: Yellow-bellied toad (Bombina variegata). 12: Common newt (Triturus vulgaris). 13: Crested newt (Triturus cristatus). 14: Alpine newt (Triturus alpestris). 15: Spotted salamander (Salamandra salamandra). 16: Alpine salamander (Salamandra atra). 17: Axolotl (Siredon mexicanum). 18: Olm or cave salamander (proteus anguinus)

Language: German
Audience: /Secondary education/
Use: Teaching of /natural sciences/ and biology
Availability: Sale

Information agency: FWU Munich
Reference number: 10 0694 0-0

eav175

598 12
DIE KREUZOTTER
(THE ADDER)
Authors: Frank-Film (Garching)
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1951

FILM 16mm loop, silent: 9 min: bw
PRINTED MATERIAL Teacher's guide, 25p

Contents: The mating behaviour of the adder and the birth of its young. How the adder sheds its skin. How prey is consumed.

Language: German
Audiences: /Primary education/, /age group/ 9 and older; /Lower secondary education/
/Teaching objectives/: familiarization with the behaviour of the adder
International interest: In view of the specialized nature of the topic, can be used as a /documentary film/ for purposes of detailed study
Availability: Special arrangement

Information agency: FWU Munich
Reference number: 30 0448 0-0

eav155

598 91
REPAS DU RAPACE
Auteurs: Lartigue, A; Chesne, J
France, Office francais des techniques modernes d'education, 1971

FILM Super 8mm, Muet: 5 min: coul
IMPRIMES Fiche technique, 2p

Contenu: La prise de nourriture d'un oiseau predateur, la buse des lezards. Une buse en captivite capturant une souris avant de la devorer. Les images restituent chaque phase de la prise de nourriture, y compris le phenomene du rejet de la pelote de regurgitation

Langue: Francais
Auditoire: /Enseignement secondaire/
Utilisation: Classe de /sciences naturelles/, etude du facteur biologique des rapaces au sein des biocenoses auxquelles ils appartiennent
Interet international: Images assez rares en raison des circonstances exceptionnelles dans lesquelles le film a pu etre realise (sujet apprivoise). Possibilite d'un commentaire parle ou enregistre dans la langue du presentateur
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 1 515

eav217

599 322
ANGEBORENES UND ERLERNTES VERHALTEN BEIM EICHHOERNCHEN
(INNATE AND ACQUIRED BEHAVIOUR OF THE SQUIRREL)
Authors: Sielmann, H; Vogt, H-H; Herrmann, N
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1969

FILM Super 8mm loop, Silent: 5 min: bw
PRINTED MATERIAL Teacher's guide, 29p

Contents: Shows a squirrel in the process of burying nuts and gathering nesting material in its nesting place. It can be seen that the urge to accomplish both actions is innate, but that the skill to carry them out has to be acquired.

Language: German
Audiences: /Secondary education/, /age group/ 11-18; /Adult education/: It is assumed that the student has already encountered the concepts of innate and acquired behaviour
/Teaching objective/: to develop the ability to differentiate between innate and acquired behaviour
International interest: Due to the film's brevity, the relinquishment of a text and the restricted presentation of a limited subject matter, it can be used internationally, as it is without linguistic frontier nor dependent on national curricula. An illustration of a behavioral topic, with no cultural or language barrier
Availability: Special arrangement

Information agency: FWU Munich
Reference number: 36 0063 0-0

eav152

599 322
WAS TIERE KOENNEN UND WAS SIE LERNEN MUESSEN
(WHAT ANIMALS ARE ABLE TO DO AND WHAT THEY HAVE TO LEARN)
Authors: Sielmann, H; Eibl-Eibesfeldt, I
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1963

FILM 16mm loop, Sound: 15 min: bw
PRINTED MATERIAL Teacher's guide, 28p

Contents: Shows those behaviour patterns of the Kaspar-Hauser squirrel which are innate and those which are acquired. In particular, the film shows the grasping and rolling-up reflex actions of the young, the opening and hiding of nuts, and the gathering of nesting material by adult squirrels.

Language: German
Audiences: /Upper secondary education/, /age group/ 16-18; /Adult education/: A basic knowledge of behaviour theory is required.
/Teaching objective/: To illustrate that the squirrel's behaviour is based on instinctive actions, as well as on acquired actions, and that these can be differentiated by means of Kasper-Hauser experiments.
International interest: The phenomena presented are self-explanatory.
Availability: Special arrangement.

Information agency: FWU Munich
Reference number: 32 0653 0-0

eav151

599.36
DER MAULWURF
(THE MOLE)
Authors: Mostler, R; Klein, H; Herrmann, N
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1967

FILM 16mm loop, sound: 10 min: bw

Contents: By means of an artificial burrow the film enables moles to be observed in search of food (e.g. earthworms). Their movements above and under ground are also illustrated. A kestrel is shown attacking a young mole.

Language: German
Audience: /Secondary education/, /Out-of-school education/
/Teaching objective/: familiarization with physique and behaviour of the mole as an example of a smell oriented, burrowing insectivore and its adaptability to its environment
International interest: In view of the specialized nature of the topic, can be used as a /documentary film/ for purposes of detailed study
Availability: Sale

Information agency: FWU Munich
Reference number: 32 0951 0-0

eav154

599.742
DIE ILTISKOPPEL
(THE POLECAT IN ITS NATURAL ENVIRONMENT)
Authors: Sielmann, H; Eibl-Eibesfeldt, I
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1956

FILM 16mm loop, sound: 15 min: bw
PRINTED MATERIAL: Teacher's guide, 31p

Contents: Filmed in natural surroundings, the polecat is shown in its burrow. The rearing of the young, the catching of prey (for example, rabbit, brown (or sewer) rat, adder) and the behaviour of the young in this respect.

Language: German
Audience: /Primary education/, /age group/ 8 and older, /Secondary education/, Out-of-school education/
/Teaching objective/: to give insight into the habits of a burrowing beast of prey
International interest: In view of the specialised nature of the topic, can be used as a /documentary film/ for purposes of detailed study
Availability: Special arrangement

Information agency: FWU Munich
Reference number: 32 0417 0-0

eav153

599.735
PARRAK DEN VITA RENKALVEN OCH PARRAK PA AVENTYR
(PARRAK THE LITTLE WHITE REINDEER, AND PARRAK IN SEARCH OF ADVENTURES)
Author: Borg, I
Sweden: Esselte Studium, 1975

SLIDE 79 slides: col
SOUND RECORDING Tape (reel): 2 recordings: 20 min: with synchronisation

Contents: Lapland is situated in the north of Sweden. The reindeer, wandering freely, are owned by the Laps, who always follow them around. Parrak is a white little reindeer, whose adventures are described in the two recordings. Parrak is a newly born reindeer when first shown, and the material shows his life and adventures. At the same time the material conveys impressions of the seasons of the year in Lapland, its nature and its inhabitants.

Language: Swedish
Audiences: /Primary education/, /age group/ 8-12
Uses: /Lecture/ illustration in regional studies. /Teaching objective/: to make the students familiar with a part of Europe which is fairly unknown to most of them
International interest: Material from Lapland, intended for small children, is seldom available.
Availability: Sale

Information agency: NSBE Stockholm

eav055

608.3
SEARCHING BRITISH PATENT LITERATURE
United Kingdom: British Library (Science Reference Library), 1975

SLIDE 52 slides: col
SOUND RECORDING Tape (cassette): 18 min: with Synchronisation
PRINTED MATERIAL: Script of presentation, 6p

Contents: The various ways of searching the British patent literature are explained and demonstrated. The illustrations are taken from the stock and the aids to searchers available at the Science Reference Library, though the searching routes described can also be used elsewhere.

Language: English
Audience: All who are interested in patents
International interest: Although the material was designed for use in the British context, it should serve as an introduction for non-British audiences as well.
Availability: Sale

Information agency: CET London
Reference number: SRL T/S no.1

eav101

611.72
THE SHOULDER JOINT: ANATOMY OF THE ARM NO.4
Author: Taylor, I
United Kingdom: University of Manchester, Department of Audiovisual Aids, 1971

VIDEO RECORDING 1 inch Ampex: 23 min: bw

Contents: The anatomy of the joint is described and included in this are the rotator cuff muscles and the other muscles which attach the humerus to the scapula. The movements of the joint are summarised: the description of the rotation of the humerus during full abduction with a view to the explanation of the mechanism of dislocation of the shoulder. Two clinical cases are shown, one having supraspinatus tendonitis and osteoarthritis of the shoulder joint.

Language: English
Audiences: First year pre-clinical students, students of nursing at university level and primary students of surgery.
Uses: To understand the anatomy of the region covered with particular reference to any simple clinical conditions which have an anatomical basis. To be used for revision purposes and to stimulate interest in anatomy from a clinical stand point.
International interest: This is one of a series of recordings produced from carefully dissected bodies, difficult to arrange at each teaching institution.
Availability: Special arrangement.

Information agency: CET London

eav121

612
SE MANNISKAN
(THE HUMAN BODY)
Author: Nilsson, L
Sweden: Esselte Studium, 1975

SLIDE 260 slides: col
SOUND RECORDING Tape (reel): 12 recordings: 140 min: with synchronisation
PRINTED MATERIAL Textbook

Contents: In the twelve parts of the material each part consists of one sound tape and a set of slides.
1. The Muscles - 10 slides.
2. The Skeleton - 20 slides.
3. The Breathing - 20 slides.
4. The Nervous System - 20 slides.
5. The Sense-Organs - 40 slides.
6. The Blood - 40 slides.
7. The Digestion - 20 slides.
8. The Cell - 20 slides.
9. The Skin - 20 slides.
10. The Urine-Organs - 10 slides.
11. The Fertilization - 20 slides.
12. The Foetus - 20 slides.

Language: Swedish.
Audience: /Secondary education/, /age group/ 13-17.
Use: /Lecture/ illustration, /group work/ and /individual work/ in biology. /Teaching objective/: to illustrate instruction about the human body.
International interest: Lennart Nilsson, the well-known Swedish photographer, has taken extra-ordinary pictures of different organs in the human body. They are supplemented by drawings to clarify teaching points. The slides can be used without the sound recordings.
Availability: Sale

Information Agency: NSBE Stockholm

eav073

612.1
MACPEE: TEACHING MODEL OF HEART, SYSTEMIC CIRCULATION, BODY FLUIDS AND KIDNEYS FOR STUDYING CIRCULATORY/BODY FLUID INTERACTIONS
Authors: Anderson, G.D; Dickenson, C.J
United Kingdom and Canada: University College Hospital, London, and McMaster University Medical School, Hamilton, 1971

COMPUTER TAPE FOR SMALL/MEDIUM COMPUTER: Fortran (1300 lines)

Contents: Digital computer model of heart, peripheral arteries and veins; body fluid compartments for water, Na, K, urea, albumin, red cells; and kidneys - all of human size - to allow simulated experiments showing the relation between circulation and fluid dynamics eg. in heart failure, nephrotic syndrome, Conn's syndrome.

Language: Fortran.
Audience: Students of clinical /medicine/ and post/graduate/ house officers (junior /hospital/ /doctors/).
Use: To teach principles of body fluid dynamics, fluid and electrolyte therapy, integrative circulation/body fluid stabilization. To be used through a time-sharing video or teletype terminal or with a small dedicated computer.
International interest: This is a example of a computer programme intended for the practice of data interpretation and management, designed by Canadian and British authors and used in both Canada and Britain (Dr. C.J. Dickinson, University College Hospital, London).
Availability: Special arrangement.

Evaluation reports available from Dr. G.D. Anderson, Department of Biostatistics, McMaster University Medical School, Hamilton, Ontario, Canada.
Information agency: CET London

eav124

612.17
ACTION OF THE HUMAN MITRAL AND AORTIC VALVES
Author: MacMillan, I.K.R
Presenter: MacMillan, I.K.R
United Kingdom: BLAT Centre for Health and Medical Education, 1955

FILM 16mm, Sound: 15 min: col

Contents: Shows records taken post mortem of mitral and aortic valves in action under normal and abnormal conditions.

Language: English.
Audience: /Undergraduate/ students of /medicine/.
Use: To enable the student to understand the action of the heart valves.
International interest: It would be difficult to set up such special demonstrations.
Availability: Hire.

Evaluation data available from BLAT Centre for Health and Medical Education, BMA House, Tavistock Square, London, WC1H 9JP.
Information agency: CET London
Reference number: BMA 105

eav118

612.3
DIGESTIVE SYSTEM 4 : FUNCTION AND FOOD ABSORPTION (BASIC HUMAN PHYSIOLOGY PART 4)
Author: Cruickshank, G
Presenter: Kent-Robinson, I
United Kingdom: Dundee College of Education, 1975

SLIDE 34 slides: col
SOUND RECORDING Tape (cassette): 15 min: with synchronisation
PRINTED MATERIAL 10 page students' work book (including a transcript of the spoken commentary)

Contents: An explanation of how the digestive system functions, largely relying on a cartoon character - Enzyme Ernest. The student is expected to complete three review sections, while working through the unit.

Language: English
Audiences: /Student teachers/ a) students of /primary education/ b) biology graduates intending to teach in /secondary schools/ (for revision) c) science graduates intending to teach general science in /secondary schools/
Uses: /Self-instruction/: As a result of using this unit the student should be able: 1: to describe the conditions under which enzymes work; 2: to explain how enzymes break down various foods; 3: to describe the end product of enzyme breakdown; 4: to explain how these end products are absorbed in the body.
International interest: Tape slide unit with student interaction.
Availability: Special arrangement

Information agency: CET London
Reference number: BIO/9481

eav131

612.6
HAN, HON OCH BARNET
(THE FATHER, THE MOTHER AND THE CHILD)
Sweden: Esselte Studium, 1975

SLIDE 41 slides: col
SOUND RECORDING Tape (reel): 30 min: with Synchronisation

Contents: The material shows how sexual organs are built up and how they function. Different concepts of sexuality is explained like virginity, intercourse and fertilization. The different phases of pregnancy are treated: signs of pregnancy, the movements of the foetus and the delivery. The roles of the mother and the father in taking care of the child.

Language: Swedish
Audiences: /Primary education/, /age group/ 9-11
Uses: /Lecture/ illustration, /Teaching objective/: to increase knowledge of important facts in /sexuality/
International interest: The material can be used as a model for the production of materials for sex education. It combines information about physiological facts with aspects of human relations.
Availability: Sale.

Information agency: NSBE Stockholm

eav091

612.6
SEXUALLIV OCH SAMLEVNAD
(SEX AND PERSONAL RELATIONSHIPS)
Authors: Linner, B, Westholm, B
Sweden: LiberLaromedel, 1970

TRANSPARENCY 48 frames
PRINTED MATERIAL Teacher's handbook: Commentary booklet

Contents: The material given an orientation of facts and value judgements about sexual problems, different ethical views, patterns of behaviour, living together etc. Quotations from books and newspapers may serve as a basis for conversation and discussion.

Language: Swedish
Audience: /Upper secondary education/, /age group/ 16-18
Use: /Lecture/ illustration, /group work/ or /individual work/ in biology or /moral education/: /Teaching objectives/: to give an orientation of facts and value judgements about sexuality.
International interest: The material could be used as a model for similar productions.
Availability: Sale.

Information agency: NSBE Stockholm

eav074

612.6
VOORTPLANTING (VAN EICEL TOT MENS)
(PROCREATION (FROM EGG CELL TO HUMAN BEING))
The Netherlands: Fibo-Beeldonderwijs B.V., 1967

SLIDE 26 slides: col
PRINTED MATERIAL Booklet with a commentary on each picture

Contents: An explanation of the sex organs and of their formation and role. It explains the production of egg cells and spermatozoa, menstruation, sexual intercourse, the impregnation of the egg cell, cell fission, the attaching of the impregnated cell to the uterus, development of the embryo, birth and nursing of the baby. Superfluous details have been omitted.

Language: Dutch
Audience: /Primary education/, /secondary education/, /age group/ 10-16
Use: For /sex education/ in schools and /youth clubs/
International interest: Has already been sold in many countries.
Availability: Sale.

Information agency: NBLC The Hague
Reference number: Fibocolor 390

eav033

612.79
DIE MENSCHLICHE HAUT
(THE HUMAN SKIN)
Author: Kiechle, H
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SLIDE 16 slides: col
PRINTED MATERIAL Teacher's guide, 12p

Contents: 1. Section through hairless skin, 2. Germinal layer of epidermis, 3. Cornification zone of epidermis, 4. Distribution of blood vessels in the skin, 5. Distribution of pigment, 6. Section through scalp longitudinal to hair growth, 7. Hair bulb with papilla, 8. Cross-section through hair-root, 9. Hair follicle, erector pili muscle and skin glands, 10. Sebaceous gland, longitudinal section, 11. Sweat gland, cross-section, 12. Scent gland, cross-section, 13. Pacinian corpuscle, 14. Nail bed, 15. Mucous membrane of the mouth, 16. Mucous membrane of the tongue.

Language: German
Availability: Sale.

Information agency: FWU Munich
Reference number: 10 0696 0-0

eav171

612.8
DE ZENUWCEL. INLEIDING TOT STRUKTUUR EN FUNCTIE
(THE NERVE CELL. INTRODUCTION TO STRUCTURE AND FUNCTION)
The Netherlands. Stichting Film en Wetenschap, 1966

FILM 16mm, sound. 2 films. 38 min. col

Contents. A survey and explanation of some basic principles in neurophysiology based on concepts of ionic movement. Stimulating and guiding of the receptors in the skin, guiding along the axon, excitor and inhibitor connections in the synapses and the guiding of the stimulus to the muscles.

Languages. Dutch and English.
Audience. /Secondary education/, /age group/ 16 and older, /university students/ (medical and biological).
International interest. Part of a series of films 'The living cell' made under the auspices of the Council of Europe.
Availability. Hire.

Information agency. NBLC The Hague.
Reference numbers. 20111 A and B.

eav004

612.015
PROTEIN STRUCTURE
Author. Weiss, J.B.
United Kingdom. University of Manchester, Department of Medical Biochemistry, 1972

STEREO PICTURES

Contents. Sheets of stereo sequence pictures of BIOBIT models of proteins highlighted to explain particular aspects and with explanatory notes. The proteins and myoglobin, chymotrypsin, ribonucleases, and eysosyme.

Language. English.
Audiences. /Nurses/, and first year students of /medicine/.
Uses. To obtain an understanding of the three dimensional structures of proteins. For use in /tutorial/ groups.
International interest. A good example of three dimensional representation for learning about complex structures. It would be difficult to produce such pictures in every institution.
Availability. Special arrangement.

Responses available from Department of Biochemistry, University of Manchester, Oxford Road, Manchester, M13 9PL.
Information agency. CET London.

eav123

613
KRIS
(CRISIS)
Sweden. Svenska Johnny Lever AB, 1972

FILM 16mm, sound. 30 min. col

Contents. A man is taken to hospital after having been severely burnt in an accident. The film describes his medical treatment in the hospital from the arrival to the time when he leaves. The problem of supplying him with nutrition and the way of transplanting skin are described as well as his general treatment. Everything is described with regard to the imminent risk of infection. The film deals with all the precautions which are taken to avoid that risk. All the staff must aim at the most rigorous hygiene. Adequate washing of hands, disinfection and sterilization of instruments are demonstrated. Different kinds of aids for the care are pointed at, like materials to be thrown away after use.

Language. Swedish.
Audience. Medical education.
Use. /lecture/ illustration. /Teaching objective/: to make the /student/ aware of the importance of hygiene to avoid the risk of infection.
International interest. The film has a documentary character which makes it more interesting than conventional material in this subject area.
Availability. Sale.

Information agency. NSBE Stockholm.

eav094

613.2
HEALTH EDUCATION - PRIMARY. CHIPS WITH EVERYTHING.
author. Riley, D.
Presenter. Riley, D.
United Kingdom. Glasgow Educational Television Service, 1972

VIDEO RECORDING Philips VCR. 15 min.

Contents. The different types of food are mentioned. The danger of obesity is stressed. An analogy is drawn with an aeroplane taking on board just the right amount of fuel for it to do its job - who ever saw a fat aeroplane? The importance of protein foods is stressed and examples are given. Vitamins are described as vital extras for health. Three girls from a secondary school cooked a delicious two-course meal in the studio kitchen and this was eaten with relish by four primary school children in the studio after they had identified the different types of food prepared.

Language. English.
Audience. /Primary education/, /age group/ 9-12.
Use. For use in /health education/ to illustrate at an elementary level what is meant by a healthy way of life. Basic anatomy and physiology is introduced by means of anatomical models and graphics, and bacteriology is presented in simple terms. The importance of cleanliness is stressed.
International interest. The conceptual approach could be used in other countries.
Availability. Sale.

Information agency. CET London.

eav127

613 81
ALCOOLOGIE
France. Comite national de defense contre l'alcoolisme & Office de documentation par le film, 1974?

DIAPOSITIVE 36 diapos: coul
IMPRIMES Livret, 69p

Contenu: La realite de l'alcoolisme, l'accoutumance a l'alcool, ses effets physiopathologiques, enfin les moyens de l'eviter et d'en guerir. Dessins et illustrations en couleur accompagnent des vues reelles.

Langue: Francais
Auditoire: Eleves de tous ordres d'enseignement. Alcooliques
Utilisation: /Education sanitaire/, lutte contre l'alcoolisme.
Interet international: Possibilite d'un commentaire en toute autre langue.
Disponibilite: gratuit.

Agence d'information: INRDP Paris

eav237

613 83
DRUGS, STUFF TOT NADENKEN
(DRUGS: A SUBJECT FOR REFLECTION)
Authors: Kuiper, P.C; Trimbos, C
The Netherlands: Universities of Amsterdam and Rotterdam, 1972

FILM 16mm, sound: 45 min: col

Contents: Various drugs and their use. Treatment is explained in relation to the social situation, personal circumstances and the acceptance of socially acceptable stimulants.

Language: Dutch
Audience: /Secondary education/, /age group/ 15 and older, /university students/, /adult education/
Information and discussion about drugs and their use.
Availability: Hire

Information agency: NBLC The Hague
Reference number: 816 X

eav001

613 83
LE TABAC
France. Comite national contre le tabagisme & Office de documentation par le film, 1973?

DIAPOSITIVE 24 diapos: coul
IMPRIMES Livret, 17p

Contenu: Des dessins et illustrations en couleur, accompagnees de vues reelles, sur le tabac, son usage, ses effets, ses mefaits.

Langue: Francais
Auditoire: Eleves de tous ordre d'enseignement. Fumeurs.
Utilisation: /Education sanitaire/, lutte contre le tabagisme
Interet international: Possibilite d'un commentaire en toute autre langue.
Disponibilite: gratuit.

Agence d'information: INRDP Paris

eav228

613 83
UBER DAS RAUCHEN
(ALL ABOUT SMOKING)
Authors: Kaminsky, C; Vogt, H.-H; Rucker, B
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1973

SOUND RECORDING Tape (reel): 24 min
PRINTED MATERIAL Teacher's guide, 2p

Contents: The text is purposely dispassionate and avoids polemic and sensationalism. The approach is extremely simple.
1. Psychology of smoking a) Varying effects, b) Addiction - with relevant tests on animals.
2. Physiology of smoking a) Nicotine properties, toxic content, physiological effects, accumulation phenomena, adverse effects during pregnancy, b) Cyanide and carbon monoxide, decomposition of haemoglobin, c) Suspended particles, smoker's cough, d) Tar components, emphysema, pulmonary fibrosis, cancer.
3. Smoking is harmful in any form.

Language: German.
Audience: /Secondary education/, /age group/ 12-15. The lesson on this subject should be preceded by one on the anatomy of the respiratory organs and the basic principles of blood circulation.
/Teaching objective/: to enlighten the pupils on: a) the harmful effects of smoking and b) the causes of its detrimental influence.
Availability: Sale.

Information agency: FWU Munich
Reference number: 20 2298.0-0/22 2298.0-0

eav193

613 88
METHODS OF CONTRACEPTION
Authors: Smaje, L; Bindman, L
Presenters: Bindman, L; Smaje, L
United Kingdom: BLAT Centre for Health and Medical Education, 1975

SOUND RECORDING Tape (reel): 20 min
SAMPLES
PRINTED MATERIAL Booklet and recording script

Contents: Description of the methods of contraception - Withdrawal, Mechanical Barriers, the Safe Period, the Contraceptive Pill, IntraUterine Devices (IUD's), and Sterilization. Describes the exact method of using each and discusses the success/failure rate for each. Includes a Self-Test with answers.

Language: English.
Audience: First year students of medicine and physiology.
Uses: To enable students to list the main methods of /contraception/ in common use, and to summarise the advantages and disadvantages of each method in terms of reliablity, convenience of use, and acceptability to the user. For /individual work/.
International interest: Equally applicable in all countries at this level of study.
Availability: Special arrangement.

Information agency: CET London

eav125

614.7
POLLUTION
Author: Mellanby, K.
United Kingdom: Pictorial Charts Educational Trust, 1973

PICTURES: 37x51cm: 10 pictures: bw
PRINTED MATERIAL: Teacher's notes, 7p; summary sheets of details of photographs, 2p

Contents: Illustrations of air, land and sea pollution, traffic congestion and environmental effects of motorways. 1: Effect of fumes from steel works on neighbouring trees. 2: Subsonic jet airliner taking off over residential area. 3: Dead fish in polluted river. 4: Auk with oil matted plumage. 5: Atomic explosion - nuclear cloud. 6: Local authority rubbish/junk tip. 7: Toxic waste adjacent to school. 8: Motorway section in urban area. 9: Traffic concentration in Oxford Street, London. 10: Discharge of dust from cement works' chimneys.

Language: English
Audience: /Secondary education/
Use: Display, /project method/ or /individual work/ in /social studies/
International interest: Widespread problem of industrial societies. Uncaptioned pictures
Availability: Sale

Information agency: CET London
Reference number: C719

eav119

614.8
PAMFI AUF DER LANDSTRASSE
(PAMFI OUT WALKING)
Authors: Streich, F; Nowack, W
Federal Republic of Germany: Institut fuer Film und Bild, 1969

FILM 16mm: Silent: 4 min: col
PRINTED MATERIAL: Teacher's guide, 2p

Contents: Pamfi, the cartoon figure, chases a butterfly in a field, but fails to catch it. This brings him to a road, and he follows the signpost townwards, using the right-hand side of the road. A car passes, raising a wind that blows Pamfi's hat off. After this has happened twice, Pamfi tries to ascertain the approach of further cars in time by looking behind him at frequent intervals. In this he succeeds, and holds on to his hat before it is endangered. In order to see the cars still better, Pamfi now walks backwards. He thus fails to notice a roadside milestone, and tumbles backwards over it. A small boy approaches in the opposite direction, helps Pamfi, and then continues his journey on what for him is the left-hand side of the road. He has no difficulty in getting out of the way of an oncoming car. Thinking he has found the solution of his problem, Pamfi follows the small boy, but soon finds himself back where he started, and his problem still unsolved. After a moment's thought enlightenment comes to him through the flower that is stuck in his hat. He looks right and left, crosses the road, and pursues his journey on the left-hand side of the road. He has no trouble in avoiding an oncoming car. To reward his correct behaviour, the butterfly he originally failed to catch now joins him voluntarily.

Language: German
Audiences: /Nursery school/, first years of /primary education/. Use of right-hand side of the road by vehicles is assumed
Use: To furnish the occasion for a lesson on the purpose of the rule of the road for pedestrians, keep to the left and you will see oncoming traffic
Availability: Sale

Information agency: FWU Munich
Reference number: 30 0977 0-0/36 0036 0-0

eav163

614.8
PAMFI WILL UEBER DIE STRASSE
(PAMFI TRIES TO CROSS THE ROAD)
Authors: Streich, F; Nowack, W
Federal Republic of Germany: Institut fuer Film und Bild, 1969

FILM 16mm: Silent: 4 min: col
PRINTED MATERIAL: Teacher's guide, 2p

Contents: Pamfi, the cartoon figure, tries in vain to cross a busy street. He wants to get to an ice-cream man, whose van is parked on the opposite side. First Pamfi steps into the road without paying attention. To indicate danger, the road surface turns bluish-green near the passing cars. Pamfi enters the bluish-green zone and changes colour himself. He shrinks back in fright. He makes various unsuccessful attempts to escape from the colour - and thus from the danger. A car passing too close flings him back onto the pavement. With Pamfi sitting on the ground in despair, a small boy with an ice-cream cone crosses the picture. Pamfi goes in the direction from which the boy has come and runs into a traffic sign indicating a pedestrian crossing. The flower in his hat then shows that he has grasped the idea. Pamfi uses the zebra crossing to get to the other side of the road and obtains the coveted ice-cream cone.

Language: German
Audiences: /Pre-school education/, first years of /primary education/
/Teaching objective/: to impress upon children that the kerb is the borderline between the safe pavement and the dangerous carriageway
Availability: Sale

Information agency: FWU Munich
Reference number: 32 0923 0-0/36 0008 0-0

eav189

615
INDICATOR DILUTION
Author: Holton, P
Presenter: Holton, P
United Kingdom: BLAT Centre for Health and Medical Education, 1974

SOUND RECORDING: Tape (reel): 60 min
PRINTED MATERIAL: Booklet, recording script

Contents: Indicator dilution in medical physiology

Language: English
Audience: /Undergraduate/ students of /medicine/
Uses: For individual study for revision in medical physiology. This programme is designed to help the student understand indicator dilution and to use it for measuring compartments within the body
International interest: 1: First of a series of individual study programmes that will cover the curriculum for physiology for primary learning and for revision. 2: This example includes facilities for skipping sections of the recorded commentary, and instructions for appropriate simple modification of a "Compact" cassette player are provided. 3: Fifteen departments of physiology collaborate through the University of London
Availability: Special arrangement

Information agency: CET London

eav116

615.38
BLOOD TRANSFUSION LABORATORY EXERCISES
Author: Worlledge, S
Presenter: Worlledge, S
United Kingdom: BLAT Centre for Health and Medical Education, 1971

SOUND RECORDING Tape (reel): 10 recordings: 10 hours
PRINTED MATERIAL 6 booklets: 10 recording scripts and a list of samples required for the exercises

Contents: Blood transfusion in laboratory work

Language: English
Audience: Postgraduate medical students working at the level of a diploma in clinical pathology
Uses: To guide students through two days of /laboratory work/. For /individual work/
International interest: Equally applicable anywhere at this level of study. Good example of /individual work/ material for the integration of theory and practice in a laboratory situation.
Availability: Special arrangement.

Evaluation reports available from BLAT Centre for Health and Medical Education, BMA House, Tavistock Square, London, WC1H 9JP.
Information agency: CET London

eav134

615.38
LA TRANSFUSION SANGUINE
France: Cooperative de l'enseignement laic - Editions de l'Ecole moderne francaise, 1966

DIAPOSITIVE 12 diapos: coul
ENREGISTREMENT SONORE disque: 12 min
IMPRIMES Notice, 8p

Contenu: Reportage dans un centre de transfusion sanguine. Les installations du centre, l'accueil des donneurs de sang, la cabine de prelevement, les flacons, l'operation de prelevement en cours. La repartition des groupes sanguins, la determination des groupes, du facteur Rhesus, la fabrication du plasma, enfin, une transfusion sanguine. Interview du personnel du centre de transfusion par les eleves d'une ecole primaire.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activite d'eveil, /biologie humaine/, medicine, /sante publique/.
Interet international: Le disque peut etre remplace par un commentaire parle ou enregistre dans toute autre langue.
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 827

eav209

616.12
MULTISCAN ECHOCARDIOGRAPHY
Authors: Bom, N; Lancee, C T. (Thorax Centre, Medical Faculty, University of Rotterdam)
The Netherlands: Stichting Film en Wetenschap, 1973

FILM 16mm, sound, 6 min: col
PRINTED MATERIAL Descriptive leaflet

Contents: Use of the ultrasonic scanner for echocardiography, an electronic echo technique developed under the auspices of the Thorax Centre of the Erasmus University in Rotterdam in order to make the structure of the heart visible without using harmful radiation. Shows an echogram of moving parts of the heart in vivo. A transducer with 20 piezoelectric elements reproduces the image in 20 lines on an oscilloscope. Animation helps to explain this new technique.

Language: English
Audience: Medical profession only.
Use: Teaching of cardiology, cardiography, medical engineering
International interest: There is much to be learned in the interpretation of the data. It seems clear however, that in future a powerful diagnostic tool may become available to be added to the techniques of cardiology (3rd International Conference on Medical Physics including Medical Engineering - Chalmers University of Technology, Goteborg, Sweden, 1972)
Availability: Hire

Information agency: NBLC The Hague
Reference number: 987

eav035

616.12
THE MANAGEMENT OF CARDIAC ARREST
Author: Zorab, J
Presenter: Zorab, J
United Kingdom: BLAT Centre for Health and Medical Education, 1972

SOUND RECORDING Tape (reel): 2 recordings: 35 min
PRINTED MATERIAL Booklet

Contents: All aspects of diagnosis and the management of resuscitation are covered in the context of the hospital ward.

Language: English
Audience: Newly qualified /doctors/.
Uses: To be able to diagnose cardiac arrest, initiate and carry our cardiac massage and artificial ventilation, initiate and assist at ventilation, ECG interpretation, drug therapy, defibrillation. Intended mode of use: /individual work/.
International interest: A good example of educational design for individual study towards competence in a task demanding intellectual and technical skills.
Availability: Special arrangement.

Evidence available from BLAT Centre for Health and Medical Education, BMA House, Tavistock Square, London, WC1H 9JP.
Information agency: CET London

eav117

616-08
I LOST MY FACE . . . SO WHAT!
Author: Okkenbroek, H (Institute for Face-prosthesis)
The Netherlands: Stichting Film en Wetenschap, 1972

FILM 16mm, Sound: 13 min: col

Contents: The fitting of face-prostheses on patients for whom plastic surgery cannot be used.

Language: English
Audience: Medical students
Uses: To provide information about face-prostheses
Availability: Hire.

Information agency: NBLC The Hague
Reference number: 952 X

eav021

616-089
PRIESTLEY'S ELECTRIC MACHINE
Author: Smith, W.D.A
Presenter: Smith, W.D.A
United Kingdom: University of Leeds, Department of Anaesthesia, 1973

FILM 16mm, sound: 5 min: col

Contents: Shows the operation of a replica of a functional electrical machine designed by Joseph Priestley. The demonstration by Priestley in 1776 of the explosion of a hydrogen-oxygen mixture by an electric spark led to the establishment by Cavendish in 1781 of the composition of water.

Language: English.
Audience: /Undergraduate/ students of /medicine/
Use: Appreciation of technical developments
International interest: It would be difficult to recreate such equipment elsewhere, as there are very few originals still available.
Availability: Special arrangement.

Information agency: CET London
Reference number: AN/XX

eav122

618.4
THUIS BEVALT BEST
(HOME CONFINEMENT)
Authors: Naaktgeboren, C, Kolff, I van S
The Netherlands: Nederlandse Filmacademie, 1972

FILM 16mm, Sound: 32 min: col
PRINTED MATERIAL Booklet in Dutch/English available

Contents: Shows a home confinement in Amsterdam and gives information on obstetrical and socially important events, connected with a birth at home, such as pre-natal care performed by the midwife, telephone call to midwife and husband, grandmother collecting the three-year-old daughter and bringing her back, behaviour of the parents, first contact of the three-year-old child with the baby.

Languages: Dutch with English subtitles
Audience: General: 15 years and older /University students/ (medical). Midwives
Uses: Health education (general), obstetrics, gynaecology, research.
International interest: Has also been published as an Encyclopaedia Cinematographica item. See the E.C. catalogue of the Institut fur den Wissenschaftlichen Film, Gottingen, German Federal Republic (Film E 2061).
Availability: Hire or Sale.

NBLC The Hague
Reference number: 1090 B

eav031

620.1
METEN
(MEASURING)
The Netherlands: Bemetel-Foundation, 1970

TRANSPARENCY 23 frames

Contents: Operation and use of measuring tools: vernier calipers, micrometer, dial indicator, etc.

Language: Dutch.
Audience: /Technical education/ and /vocational education/ in engineering. /Age group/ 15-18.
Use: Handling and use of measuring tools.
International interest: Internationally usable despite Dutch captions on some transparencies.
Availability: Sale.

Information agency: NBLC The Hague

eav043

620.1
SI-EENHEDEN
(SI UNITS)
The Netherlands: Bemetel-Foundation, 1973

TRANSPARENCY 17 frames

Contents: Measurement in the SI system as used in mechanical engineering e.g. length, time, velocity, mass, force, pressure, work, power, temperature.

Language: Dutch.
Audience: /Secondary education/, /technical education/ and /vocational education/, /age group/ 15-18.
Use: Comprehension of symbols used in SI system. Significance and coherence of units and magnitudes.
International interest: Internationally usable.
Availability: Sale.

Information agency: NBLC The Hague

eav002

620.17
MATERIALS UNDER STRESS: MAN POWERED FLIGHT, 1
Presenters: Demaid, A; Reid, C.N
United Kingdom: The Open University, 1976

VIDEO RECORDING Philips VCR: 25 min: col PAL

Contents: Behaviour of materials under bending and torsion forces is examined in the context of man-powered aircraft.

Language: English.
Audience: /Undergraduates/.
Use: An Open University broadcast for students studying the third level technology course, Materials under stress, supplementing the readings for this course.
International interest: Good use of archival film material to show attempt at man-powered flight since the 1930's. The film should be of interest to the lay viewer as well as the specialist.
Availability: Hire or Sale.

Information agency: CET, London
Reference number: T 351/02

eav136

620.17
SPANNINGSOPTIK
(PHOTOELASTICITY)
Sweden: The Committee for TV and Radio in Education (TRU), 1971

PROGRAMMED INDIVIDUAL PRESENTATION (Super 8 films and sound cassettes for use on Philips PIP machine): two parts, 11 and 13 minutes

Contents: The first part shows how to use white light and monochromatic light in experiments with photoelasticity. It describes how the white light is plane polarized by the help of a polarizing filter and how the plane polarized light is circular polarized. The other part shows how a polarizer is constructed, and how it is possible to get a photoelastic pattern in a loaded photoelastic model by passing plane polarized white light through the model. It also shows how to distinguish different lines in the photoelastic pattern by changing from plane polarized light to circular polarized light and from white light to monochromatic light.

Language: Swedish
Audiences: /Upper secondary education/, /university/ education.
Uses: /Lecture/ illustration. /Teaching objective/: shows how photoelasticity can be used in order to measure tensions in different products.
International interest: The material can be used as a model for production of similar material. It is easy to make new sound recordings in other languages as these are separate from the films.
Availability: Hire or Sale

Information agency: NSBE Stockholm
eav051

620.17
VORM- EN PLAATSTOLERANTIES
(GEOMETRICAL TOLERANCES)
The Netherlands: Bemetel Foundation, 1971

TRANSPARENCY 16 frames

Contents: Illustration of the meaning and significance of geometrical tolerances.

Languages: Dutch
Audiences: /Technical education/ and /vocational education/ in engineering. /Age group/ 15-18
Use: To teach the application and significance of geometrical tolerances in engineering.
International interest: Internationally usable
Availability: Sale

Information agency: NBLC The Hague
eav038

620.91
THE ENERGY CRISIS: THE WAY AHEAD
Author: Jones, E
United Kingdom: National Committee for Audio Visual Aids in Education, 1975

FILMSTRIP 35 frames: col
SOUND RECORDING Tape (cassette): 13 min
WALLCHART
PRINTED MATERIAL Teacher's notes

Contents: The way ahead: comparative demands for energy by different countries; Concorde; energy resources for the third world; hydroelectric power; nuclear energy and power reactors; solar energy; wind and water power; pollution and waste; future energy needs. Wallchart - the Dounreay fast nuclear reactor.

Language: English
Audience: /Secondary education/
Uses: Basic information for discussion groups, /classwork/, /individual work/, /project method/.
International interest: International problem - one national view of the approach to the problem.
Availability: Sale

Information agency: CET London
Reference number: 269 AV64
eav132

621.22
HYDRAULIEK
(HYDRAULICS)
The Netherlands: Bemetel-Foundation, 1975

TRANSPARENCY 23 frames

Contents: Explanation of the most important components of hydraulic systems (pumps, cylinders, valves, motors, etc.)

Language: Dutch
Audiences: /Technical education/ and /vocational education/ in engineering. /Age group/ 15-18
Use: Reading of hydraulic diagrams for fault location.
International interest: Internationally usable
Availability: Sale

Information agency: NBLC The Hague
eav041

621.38
GEINTEGREERDE SCHAKELINGEN
(INTEGRATED CIRCUITS)
The Netherlands: Philips Nederland B.V., 1973

FILM 16mm, sound, 20 min: col
PRINTED MATERIAL Additional information about the subject

Contents: The structure, function and construction of integrated circuits.

Language: Dutch and English
Audience: /Secondary education/ (physics), /age group/ 15 and older. /University students/ (electronics)
Use: To give information about integrated circuits.
Availability: Hire

Information agency: NBLC The Hague
Reference number: 21307
eav018

621.38
HALFGELEIDERFYSICA. HALFGELEIDERBOUWELEMENTEN
(SEMICONDUCTOR PHYSICS. CONSTRUCTION ELEMENTS OF SEMICONDUCTORS)
The Netherlands: Philips Nederland B.V., 1973

FILM 16mm, sound, 20 min: col
PRINTED MATERIAL Additional information about the subject (Dutch and English)

Contents: Discussion of various semiconductor devices, such as the thermistor, photoresistor, photodiode, electroluminescencediode, transistor and thyristor.

Language: Dutch and English
Audience: /Secondary education/ (physics), /age group 15 and older/. /University students/ (electronics)
Use: To give information about semiconductor devices.
Availability: Hire

Information agency: NBLC The Hague
Reference number: 190 890
eav049

621 384
HET CYCLOTRON
(THE CYCLOTRON)
Author: Mulder, D P
The Netherlands: Rijksuniversiteit Groningen, 1974

FILM 16mm, Sound: 13 min: col
PRINTED MATERIAL Teacher's notes

Contents: The construction and working of a cyclotron, shown in considerable detail.

Language: Dutch
Audience: /Upper secondary education/, /age group/ 15 and older
Uses: Physics teaching, to show the /behaviour/ of moving ions in electric and magnetic field
Availability: Free

Information agency: NBLC The Hague
Reference number: NIAM 21504

eav025

621 4
DE PHILIPS STIRLINGMOTOR
(THE PHILIPS STIRLING MOTOR)
The Netherlands: Philips Nederland B V, 1969

FILM 16mm, Sound: 18 min: col
PRINTED MATERIAL Booklet with more information about the subject (Dutch and English)

Contents: A cartoon in which the Philips Stirling motor is dealt with. This motor has been developed in the Philips science laboratory from the original Robert Stirling motor. The principles upon which the motor is based are shown, as well as the benefits and the application of the motor.

Languages: Dutch and English
Audiences: /Vocational education/ and /technical education/
International interest: A very important technological development with many ecological advantages.
Availability: Hire

Information agency: NBLC The Hague
Reference number: 1648

eav012

621 5
PNEUMATIEK
(PNEUMATICS)
The Netherlands: Bemetel-Foundation, 1971

TRANSPARENCY 30 frames

Contents: Illustrations of different kinds of cylinders and their operation, valves, governors and the function of these components in pneumatic systems.

Language: Dutch
Audiences: /Technical education/ and /vocational education/ in engineering: /Age group/ 15-18
Uses: Reading of pneumatic diagrams and fault location
International interest: Internationally usable. The captions in Dutch would not cause difficulties.
Availability: Sale

Information agency: NBLC The Hague

eav044

621 92
SKOGSINDUSTRI - MALNING AV PAPPERSMASSAN I SKIVKVARN
(FORESTRY - GRINDING OF PAPER PULP IN DISC REFINERS)
Sweden: The Committee for TV and Radio in Education (TRU), 1976

FILM 16mm: 13 min: col
VIDEO RECORDING Philips VCR: 13 min: col PAL

Contents: Experiments are shown in order to illustrate why paper pulp must be ground before it is run on the paper machines. The structure of the wood fibre is discussed and how it must be treated in order to make the qualities of the paper optimal. A series of trick-filmed sequences describes how the individual fibres are treated during the grinding. A single - rotating disc refiner of a medium size had been chosen as an example. The machine is also illustrated by live pictures.

Language: Swedish
Audience: /University/ and /vocational education/, /age group/ 18 and older
Uses: /Lecture/ illustration. /Teaching objectives/: to explain why paper pulp must be ground before it is run on the paper machines and how the grinding, which is an invisible process, is done.
International interest: Material in this subject area is not easily available. It could be used as a model for production of similar material. The material is a co-production between TRU, SIDA - the Swedish International Development Authority - and DEFIBRATOR Ltd.
Availability: Hire or Sale.

Information agency: NSBE Stockholm

eav084

621 94
DRAAIBEITELS (METAALDRAAIEN)
(LATHE TOOLS (TURNING))
The Netherlands: Bemetel-Foundation, 1969

TRANSPARENCY 18 frames

Contents: Illustrates and shows use of various lathe tools for removing metal.

Languages: Dutch and English
Audiences: /Technical education/ and /vocational education/ in engineering: /Age group/ 15-18
Uses: Teaching of the theory and practice of the use of lathe tools.
International interest: Internationally usable. Dutch and English versions are available.
Availability: Sale

Information agency: NBLC The Hague

eav039

621 94
DRAAIMACHINES (METAALDRAAIEN)
(THE LATHE (TURNING))
The Netherlands: Bemetel-Foundation, no date

TRANSPARENCY 11 frames

Contents: Illustrations of drives, transmission, speeds, feeds, pitches, etc.

Languages: Dutch and English
Audiences: /Technical education/ and /vocational education/ in engineering: /Age group/ 15-18
Uses: To give insight into the operation of a lathe.
International interest: Internationally usable. Dutch and English versions are available.
Availability: Sale

Information agency: NBLC The Hague

eav040

621-85
MOULIN A VENT
Auteurs: Leduc, C.-Y., Terrasson, J.
France: Office francais des techniques modernes d'education, 1973?

FILM Super 8mm, Muet, 5 min, coul
IMPRIMES Fiche technique, 2p

Contenu: Le fonctionnement d'un moulin a vent assurant la mouture du grain. Apres un plan general du moulin, le film montre le fonctionnement des pales a surface variable, le monte-charge, les dispositifs d'entrainement et d'engrenage et les installations de distribution du grain a moudre. Puis la camera s'attarde sur les meules broyeuses dont l'ecartement est regle par un regulateur; on voit ensuite comment on peut faire varier la surface des pales soit pour mettre le moulin en position arret, soit pour le remettre en marche.

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil: l'utilisation du vent comme source d'energie.
Interet international: Images de l'un des derniers moulins a vent encore en activite.
Possibilite d'un commentaire parle ou enregistre dans sa propre langue par le presentateur.
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 1 350

eav214

621-85
WENTELENDE WIEKEN
(ROTATING SAILS)
Author: Neyenhoff, O. van
The Netherlands: Rijksvoorlichtingsdienst, 1961

FILM 16mm, sound, 12 min, col
PRINTED MATERIAL Teacher's notes

Contents: Different types of windmills used for pumping water, for milling grain, and for manufacturing paper. Some old customs are illustrated too, for example, the position of the sails has a certain significance.

Language: Dutch
Audience: /Primary education/, /age group/ 10 and older, /Secondary education/, /adult education/
Availability: Hire

Information agency: NBLC The Hague
Reference number: NIAM 3035

eav026

622.34
SKIVRASBRYTNING
(SUB-LEVEL CAVING)
Sweden: The Committee for TV and Radio in Education (TRU), 1975

FILM 16mm, Sound, 20 min, col
VIDEO RECORDING Philips VCR, 20 min, col PAL
PRINTED MATERIAL Textbook, 40 p. (Swedish)

Contents: The process of sub-level caving of iron ore is described. Part of the process is illustrated by cartoon film but there is also a part made in the mine at Kirunavaara shot in a sub-level shaft. The whole process is shown from the untouched mountain, preparation work, cave drilling and slide loading to the point where iron ore of different qualities is ready to be delivered.

Languages: English, Swedish
Audiences: /Upper secondary education/, /higher education/, /university/ education
Uses: /Lecture/ illustration, /group work/ or /individual work/. /Teaching objectives/: to show the process of sub-level caving.
International interest: The material uses a combination of cartoon and live filming done in a mine. Due to the difficulties of making a film in a mine similar material is not easily available.
Availability: Hire or Sale.

Information agency: NSBE Stockholm

eav080

623.8
SCHEEPSBOUW
(SHIPBUILDING)
The Netherlands: Bemetel-Foundation, 1972

TRANSPARENCY 24 frames

Contents: Illustrations of drawing, reading and section construction.

Language: Dutch
Audience: /Technical education/ and /vocational education/ in shipbuilding. /Age group/ 15-18
Use: Study of various problems related to the building and assembly of ships (frame floor, hulk plating, etc.).
International interest: Internationally usable.
Availability: Sale

Information agency: NBLC The Hague

eav048

625.7
BEVEILIGINGSCONSTRUCTIES OP KUNSTWERKEN
(CRASH BARRIERS FOR BRIDGES)
Authors: Institute for Road Safety Research (SWOV); Berg, W. v.d.
The Netherlands: Stichting Film an Wetenschap, 1972

FILM Super 8mm, Sound, 25 min, bw
PRINTED MATERIAL Descriptive leaflet (English)

Contents: A visual account of a study, using two methods, of safety devices on highway bridges and fly-overs. First - crash experiments, interpreted electronically. Second - a mathematical simulation model in which elements and conditions are fed into a computer. A split-screen presentation is made of the two methods. The findings, the same in both cases, have formed the basis for new safety devices built since 1971.

Languages: Dutch and English
Audiences: Road engineers, police officials.
Use: For professional study only.
Availability: Hire or Sale.

Information agency: NBLC The Hague
Reference number: 638-2

eav030

626.8
BEWAESSERUNG AM NIL
(NILE IRRIGATION)
Author: Schiffers, H
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SLIDE 15 slides: col
PRINTED MATERIAL Teacher's booklet, 12 p

Contents: 1. Fringe of desert and Nile Valley. 2. Fellah women fetching water from the Nile. 3. Fellah woman carrying water home. 4. The Nile in flood. 5. Fields with the Nile at low water. 6. Riverside fields ready for harvesting. 7. Waterwheel (sakiyeh) in the Nile valley (near Luxor). 8. Archimedes' screw for raising water in the Nile valley. 9. Waterwheels in the Nile valley. 10. Flooded ricefields. 11. Drainage channel. 12. Manual canal work. 13. Fellahin during a work-break. 14. The old Aswan dam. 15. Rock-cut temple by the Nile (Abu-Simbel)

Language: German
Availability: Sale

Informtion agency: FWU Munich
Reference number: 10 0627-0-0

eav170

627
DE LAGE LANDEN
(THE LOW COUNTRIES)
Author: Sluizer, G
The Netherlands: Rijksvoorlichtingsdienst, 1961

FILM 16mm, Sound: 29 min: col

Contents: Water threatens the Netherlands from all sides. The survival of the country depends on the continuous watchfulness and activities of its inhabitants. From as early as the Middle Ages dykes and windmills have been used. Nowadays modern techniques permit a more effective struggle against the water. Examples are the reclamation of the Zuiderzee and the Delta plan.

Languages: Dutch, English, Spanish, French, German
Audience: /Secondary education/.
Use: Information about the Netherlands, especially about the everlasting struggle against the surrounding water.
Availability: Hire.

Information agency: NBLC The Hague
Reference number: MS 564

eav047

628.49
ABFALLBESEITIGUNG
(REFUSE DISPOSAL)
Authors: Roeder, W; Wallner, R; Herrmann, N
Federal Republic of Germany: Institut fuer Film und Bild (FWU), no date

SLIDE 24 slides: col
PRINTED MATERIAL Teacher's guide, 12p

Contents: 1. Unauthorized refuse tip. 2. Official refuse tip. 3. Making a refuse tip leakproof. 4. Diagram of a controlled tip. 5. Refuse collection by large-size container. 6. Private dumping. 7. Emptying a refuse lorry. 8. Sludge disposal. 9. Septic waste plant, Schwabach. 10. Bulky rubbish. 11. Collection of bulky rubbish. 12. Tipping bulky rubbish. 13. Refuse compressor. 14. Compressed refuse. 15. Covering refuse. 16. Planted refuse tip. 17. Damage to vegeta'ion. 18. Car breaker's yard. 19. Scrapping old cars. 20. Scrap from the shredder. 21. Composting plant. 22. Incinerating plant. 23. Burner doors in the incinerating plant. 24. Incinerating plant for septic waste.

Language: German
Audience: /Secondary education/
Availability: Sale

Information agency: FWU Munich
Reference number: 10 2244 0-0

eav187

629.11
AUTO TE WATER
(CARS IN WATER)
Authors: Institute for Road Safety Research (SWOV); Berg, W.v.d
The Netherlands: Stichting Film en Wetenschap, 1971

FILM Super 8mm, Sound: 20 min: col
PRINTED MATERIAL Descriptive leaflet (English)

Contents: The object of this film was to discover exactly what happens when a car falls into water. Particular attention is paid to the factors which determine the behaviour of the submerging vehicle, such as the type of car, the angle at which it enters the water, its speed, the way it sinks and the damage sustained. The tests were carried out with normal, underwater and high-speed cameras. Test subjects demonstrate the possibility of escape for the occupants.

Languages: Dutch and English
Audience: Lay audience of any type and age.
Uses: /Training/ for /first aid/. /Health education/ (general).
Availability: Hire or Sale.

Information agency: NBLC The Hague
Reference number: 758

eav034

631.4
DE GROND WAAROP WIJ WONEN
(THE SOIL ON WHICH WE LIVE)

FULL CATALOGUING DETAILS ARE DISPLAYED AT 551.21

636.4
STORA OCH SMA MED KNORR PA
(ABOUT PIGS)
Sweden: The Committee for TV and Radio in Education (TRU), 1974

FILM 16mm, Sound: 23 min: col
VIDEO RECORDING Philips VCR: 23 min: col PAL

Contents: Children ask questions about pigs and are answered. Why is the snout of the pig flat? What does the sound of a pig mean? Why are pigs' tails curled? Are pigs really dirty animals? What does it look like when the pigs bring forth young. Why do we breed pigs?

Language: Swedish
Audiences: /Primary education/, /age group/ 5-7
Uses: /Lecture/ illustration/, /group work/. /Teaching objective/: to give basic information about one of the most common domestic animals.
International interest: The recording is an interesting effort to combine information about animals with questions concerning /human relations/ and emotions.
Availability: Hire or Sale.

Information agency: NSBE Stockholm

eav083

636.8
MISSAN, BUSAN OCH ANDRA KATTER
(MISSAN, BUSAN AND OTHER CATS)
Sweden: The Committee for TV and Radio in Education (TRU), 1974

FILM 16mm, Sound, 22 min: col
VIDEO RECORDING Philips VCR, 22 min: col PAL

Contents: A little girl called Lottis, gets a cat. From the cat she learns that animals, like people, sometimes get tired of company and need to be left in peace. In the recording the children are taught how the eyes of the cat react to light, what claws and matrices look like and how it is possible to see if the cat is angry or happy by looking at its tail.

Language: Swedish
Audience: /Primary education/, /age group/ 5-7
Uses: /Lecture/ illustration, /group work/
/Teaching objective/: to give basic information about one of the most common domestic animals
Availability: Hire or Sale

Information agency: NSBE Stockholm

eav079

637.2
FABRICATION INDUSTRIELLE DU BEURRE
France: Centre regional de recherche et de documentation pedagogiques de Caen, 1974

DIAPOSITIVE 24 diapos: coul
IMPRIMES Livret, 15p: notice, 4 planches hors-texte

Contenu: La fabrication du beurre dans une usine moderne. Les differentes phases de la fabrication du beurre, depuis la reception du lait jusqu'a l'empaquetage automatique du produit fini, sont illustrees par des vues reelles accompagnees de schemas.

Langue: Francais
Auditoire: Eleves de tous ordres d'enseignement et principalement de l'/enseignement technique/, industrie alimentaire
Utilisation: /Enseignement technique/ industriel, industrie laitiere
Interet international: Possibilite d'un commentaire en toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav221

639.2
LA PECHE A CONCARNEAU
France: Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque: 2 enregistrements, 28 min
IMPRIMES Notice, 12p

Contenu: Les dispositives presentent differentes phases de la peche au filet: senne et chalut. La flotille de peche dans le port de Concarneau, la remontee d'une senne sur le pont d'un bateau de peche, le tri des sardines, la mise a l'eau et la remontee du chalut, le poisson dans la cale constituent la premiere partie de ce reportage. Enfin, quelques images presentent la peche au thon, l'atelier de surgelation et l'installation portuaire pour le halage des bateaux.

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil en geographie economique et humaine, la peche
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre dans toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: RV 168

eav218

639.41
L'OSTREICULTURE
France: Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque: 2 enregistrements, 27 min
IMPRIMES Notice, 12p

Contenu: Reportage sur la culture des huitres dans le bassin d'Arcachon (France). Les vues representent le depart des bateaux des ostreiculteurs, le gisement naturel des rochers de l'Ilette et la peche de plancton. D'autres vues montrent le travail de chaulage des tuiles pour la capture du nessain, le travail sur parc et le retour au port. A terre, les travaux de detroquage (decollage des huitres de leur support) se poursuivent avant la mise des huitres dans les bassins degorgeoirs d'ou elles sont finalement extraites pour etre preparees, emballees et expediees. D'autres vues, dont certaines aeriennes, montrent le bassin et le port d'Arcachon.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil, geographie economique et humaine, l'aquaculture
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre en toute autre langue. Images aeriennes assez rares.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: RV 176

eav213

639.93
AUTOUR D'UN AQUARIUM
France: Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque 2 enregistrements, 28 min
IMPRIMES Notice, 12p

Contenu: Montage photographique accompagne de disques sur l'installation, l'equipement et le peuplement d'un aquarium. Les diapositives montrent diverses especes de poissons d'aquarium: astronautus d'Amazonie, porte-epee du Mexique, combattant de Thailande. Une place est faite a l'alimentation des especes tant herbivores que carnivores (serres pour la reproduction des plantes aquatiques, bacs pour l'elevage d'insectes, servant de nourriture aux habitants de l'aquarium).

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisations: Activites d'eveil, /sciences naturelles/, biologie
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre dans toute autre langue
Disponibilite: En vente

Agence d'information: INRDP Paris
Numero de reference: RV 179

eav211

655 1
TECHNIQUES GRAPHIQUES
Auteur: Ponot, R
Presentateur: Bouillot, R
France. Ministere du Commerce et de l'Artisanat. Direction de l'Artisanat, 1975

DIAPOSITIVE 705 diapos: nb & coul
ENREGISTREMENT SONORE bande (bobine): 15 enregistrements: 12 h 30 mn: avec synchronisation
IMPRIMES 15 notices de 16p: chacune

Contenu: L'ensemble audiovisuel comprend 15 programmes d'une de 45 mn chacun, composes de 40 a 50 diapositives et d'un texte enregistre. Les programmes sont repartis comme suit: 1 - Classification des procedes d'impression, procedes manuels en relief, gravure sur bois, dorure. 2 - Les caracteres typographiques, realisation, anatomie. 3 - Les mesures typographiques, caracteres, classification, la composition manuelle. 4 - La composition mecanique. 5 - Telecomposition, photocomposition. 6 - Les presses typographiques. 7 - Les rotatives typographiques. 8 - La photogravure typographique. 9 - Le clichage: stereotypie, plastotypie, galvanotypie. 10 - Procedes manuels a plat: lithographie, metallographie. 11 - L'offset. 12 - Les presses offset. 13 - Serigraphie, phototypie, procede Dorel. 14 - Procedes en creux: gravure manuelle et chimique, timbrage et gaufrage. 15 - Heliogravure, roto-heliogravure

Langue: Francais
Auditoires: /Enseignement secondaire technique/, /enseignement secondaire deuxieme cycle/, /formation professionnelle/
Utilisation: Initiation aux techniques de l'imprimerie
Interet international: Le commentaire en francais peut etre remplace par un commentaire parle, enregistre ou ecrit en toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav210

656
GUIDE DU VOYAGEUR AVANT LES CHEMINS DE FER
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque: 2 enregistrements: 28 min
IMPRIMES Notice, 12p

Contenu: Differents documents conserves dans les musees francais: musee du Louvre (Paris) "Construction d'un grand chemin" (tableau de Joseph Vernet); musee de l'automobile (Compiegne), musee postal, cabinet des Estampes de la Bibliotheque nationale (Paris). Les moyens de transport en commun du temps jadis sont representes: coches d'eau, malle-poste, diligence, caleche de voyage, de meme, quelques episodes de voyage: la halte a l'auberge-relais, l'accident, l'attaque des brigands, l'arrivee de la diligence

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Histoire, les transports
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre dans toute autre langue. Images assez rares de documents difficilement accessibles
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: RV 182

eav234

658
AM ARBEITSPLATZ: ARBEITERIN - ANGESTELLTE (WOMEN AT WORK: MANUAL JOBS AND OFFICE JOBS)
Authors: Meyer, E, Hagemeyer, J, Straub, E
Federal Republic of Germany. Institut fuer Film und Bild (FWU), 1971

FILM 16mm, Sound: 15 min: bw
PRINTED MATERIAL Teacher's guide, 4p

Contents: Frau Schirpke (36) has a manual job in a factory. Her work-place is at a machine and her sole function is to ensure that the feeding mechanism works to capacity. She is conscious of being a factory girl without status or qualifications, and regrets not having taken the advice of the teacher who urged her to consider secondary education. Encouraged by various discussions, she takes vocational training. She learns to type and receives an office job in the data processing department with prospects of salaried status. After a while she changes her job and is now a salaried data typist in a department store group. Her self assurance is greater, and she feels respected for having exchanged a manual job for an office position

Language: German
Audiences: /Upper secondary education/, /out-of-school education/ for youth, /adult education/
Teaching objectives: to show pupils how among the employed population manual wage-earners and salaried office staff are differentiated. To promote the realization that self-assessments differ with occupational status
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2363 0-0

eav156

662
THE ENERGY CRISIS: FOSSIL FUELS
Author: Jones, E
United Kingdom. National Committee for Audio Visual Aids in Education, 1975

FILMSTRIP 35 frames: col
SOUND RECORDING Tape (cassette): 13 min
WALLCHART
PRINTED MATERIAL Teacher's notes

Contents: Fossil fuels: consumers of energy, increased energy consumption, particularly oil; fuels used in generating electricity; coal mining, oil resources, refining and distribution, North Sea oil; the search for new oil-fields; alternatives to oil. Wallchart - graphical map of world sources of fuel and energy

Language: English
Audience: /Secondary education/
Uses: Basis information for discussion groups, /classwork/, /individual work/, /project method/
International interest: International problem - one national view of and approach to the problem
Availability: Sale

Information agency: CET London
Reference number: 269 AV63

eav133

666.1
GLAS
(GLASS)
Author: Haanstra, B.
The Netherlands: Rijksvoorlichtingsdienst, 1958

FILM 16mm, sound, 10 min, col

Contents: Glassblowers fashion glowing nuggets of molten glass into utensils and objects of art. The machine is taking over more and more the work of the human being. But the machine cannot function by itself. The film ends with a fine montage of images and sound, reproducing in turn the human and mechanical aspects of glass manufacturing.

Language: None, only background noises and music.
Audiences: /Secondary education/ and /adult education/.
Uses: To provide information about the production of glass objects.
International interest: The film is self-explanatory. No verbal information necessary.
Availability: Hire.

Information agency: NBLC The Hague
Reference number: CW 224

eav045

669
UNE USINE SIDERURGIQUE: ROMBAS
Auteurs: Mercier, B.; Heraud, M.
France: Office francais des techniques modernes d'education, 1970

FILM Super 8mm, Muet, 4 min, coul
IMPRIMES Fiche technique, 3p

Contenu: Prise de vues aeriennes de l'usine de Rombas dans la vallee de L'Orne (France). Le premier plan montre, dans un vaste panoramique d'ouest en est, l'ampleur des installations: aires de stockage du minerai et du coke, usine d'agglomeration, hauts fourneaux, acierie, trains de laminoirs, usine de traitement des laitiers, ainsi que le faisceau de voies ferrees qui assurent la desserte de l'usine. Le 2e plan fait decouvrir de plus pres l'agencement et le fonctionnement des hauts fourneaux. Enfin, dans un 3e plan apparaissent les cites ouvrieres avec les trois "generations" d'urbanisme qu'elles revelent.

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire premier cycle/, /enseignement professionel/
Utilisation: Enseignement de la geographie economique et humaine. Enseignement professionnel industriel.
Interet international: Prise de vues par helicoptere. Possibilite d'un commentaire parle ou enregistre par le presentateur dans sa propre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 1 513

eav240

669-4
UITSLAAN (VAN PLAATWERK)
(DEVELOPING SHEET METAL WORK)
The Netherlands: Bemetel-Foundation, 1972

TRANSPARENCY 29 frames

Contents: Third angle projection using a number of basic geometrical shapes like prisms, cones, etc.

Language: Dutch
Audiences: /Technical education/ and /vocational education/ in engineering and shipbuilding. /Age group/ 15-18
Uses: Teaching of metalwork theory.
International interest: Internationally usable. Dutch texts are no hindrance.
Availability: Sale.

Information agency: NBLC The Hague

eav007

669.05
MACHINEBANKWERKEN (MECHANISCHE TECHNIEKEN)
(FITTING (TECHNIQUES OF MACHINING))
The Netherlands: Bemetel-Foundation, no date

TRANSPARENCY 22 frames

Contents: Illustrations of the most important aspects of removal techniques and of manipulation.

Language: Dutch
Audiences: /Technical education/ and /vocational education/ in engineering. /Age group/ 15-18
Uses: Reinforcement of theoretical knowledge of metal removal techniques (turning, drilling, sawing, etc.).
International interest: Internationally usable.
Availability: Sale.

Information agency: NBLC The Hague

eav042

674
CHEMISCHER HOLZSCHUTZ
(CHEMICAL WOOD PRESERVATIVES)
Authors: Schneider, A.; Schlicht, E.; Schubert, K.
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1974

SLIDE 11 slides: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: 1. Official test marks and standards for wood preservatives. 2. Poison classes and designations. 3. Methods of use by craftsmen. 4. Methods of use in industry. 5. Penetration properties under regulation DIN 68 800. 6. Impregnation and wood dampness. 7. Movement of impregnating fluid in coniferous woods. 8. Impregnation relative to bordered pits. 9. Passage of fluid through phloem-parenchyma cells. 10. Diffusion of saline solutions. 11. Distribution of preservatives in wood.

Language: German
Audience: /Secondary education/, /vocational education/.
Availability: Sale.

Information agency: FWU Munich
Reference number: 10 2234 0-0

eav176

676.2
THE VATMAN AT WORK
Author: Horden
United Kingdom: University of Leeds Television Service, 1975

VIDEO-RECORDING 1 inch Ampex, 13 min, bw

Contents: Vatman and coucher are shown at work, making paper by hand. Actions are repeated several times in succession.

Audience: /Vocational training/ in the use of mould and deckle in making paper.
International interest: The recording is silent, and therefore can be used for an audience in any country.
Availability: Sale.

Information agency: CET London
Reference number: EL/XXVIII

eav108

69.05
TRANSPORT VON BETON
(TRANSPORTING CONCRETE)
Authors: Sagasser, Z; Tietze, W; Contag, M
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1974

FILM 16mm, Sound, 19 min: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: The film shows the points to which particular attention has to be paid in the transporting of newly mixed concrete. An aerial shot shows a large building site and a concrete supply depot. One can clearly see the various storage sections and the filling facilities for the necessary batching-plants. A driver, who has just returned from delivering concrete, is shown carrying out maintenance work on his vehicle which has become necessary through transporting the liquid concrete. A step-by-step explanation of how concrete is supplied then follows: Ordering; Administrative arrangements; Delivery note; Loading; Driving; Delivery; Unloading; Testing the concrete; Reporting back to the depot; Driver's work at the depot. Examples from real life show the problems involved; these are then elucidated by means of animated drawings, and finally the solutions are shown being put into actual practice.

Language: German
Audiences: /Secondary education/, /day release/ and /vocational schools/. Some knowledge is assumed of the properties of concrete before it has set.
Uses: To show the responsibility of the driver of a concrete transporting vehicle for the quality of the concrete delivered; the influence of haulage on the condition of the newly made concrete; the influence of the liquid concrete on the road-holding of the vehicle. (The most important of the stipulations laid down in DIN 1045 is that concrete must be permitted to set within a period of 90 minutes)
Availability: Sale

Information agency: FWU Munich
Reference number: 37 0187 0-0/32 2525 0-0

eav169

7.031
AU SAHARA PREHISTORIQUE
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque: 2 enregistrements 27 min
IMPRIMES Notice, 16p

Contenu: Montage sur le Sahara, l'un des plus importants centre d'art prehistorique du monde. En particulier, les peintures rupestres du Tassili des Ajjers revelent aux prehistoriens ce que fut la vie des hommes avant l'histoire dans cette region d'Afrique ou est apparu progressivement ce phenomene de desertification dont des images sont egalement presentees dans cette serie.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Histoire ancienne, histoire de l'art, geographie physique, les deserts
Interet international: Images assez rares. Les disques peuvent etre remplaces par un commentaire parle ou enregistre dans toute autre langue.
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: RV 168

eav231

72(43)
DEUTSCHE BAUKUNST: ROMANTIK BIS JUGENDSTIL
(GERMAN ARCHITECTURE FROM THE ROMANTIC PERIOD TO ART NOUVEAU)
Authors: Kiesow, G; Schubert, K H
Federal Republic of Germany: Institut fuer Film und Bild, no date

SLIDE 19 slides: bw
PRINTED MATERIAL Teacher's booklet, 15p

Contents: 1. Caspar David Friedrich, Cross and Cathedral in the Mountains. 2. Kassel, Wilhelmshohe, Lowenburg. 3. Hohenschwangau Castle, near Fussen. 4. Stolzenfels Castle, near Koblenz, interior of armour room. 5. Marienburg Castle, near Nordstemmen; plan. 6. Hanover, Christuskirche. 7. Wiesbaden, Marktkirche, interior. 8. Munich, Maximilanstrasse. 9. Munich, Residenz (Royal palace), Konigsbau. 10. Goslar railway station, facade. 11. Dresden, Opera House. 12. Berlin, Reichstag Building. 13. Leipzig, monument to the Battle of the Nations, 1813. 14. Darmstadt, Mathildenhohe, Hochzeitsturm. 15. Hanover, Bahlsen biscuit factory, office building. 16. Berlin-Moabit, AEG turbine building. 17. Stuttgart, main station. 18. Hamburg, Klopperhaus. 19. Alfeld on the Leine, Fagus Works.

Language: German
Audiences: /Upper secondary education/, students of architecture, /general education/
Availability: Sale

Information agency: FWU Munich
Reference number: 10 2236 0-0

eav174

72.036
LE CORBUSIER
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos: coul
ENREGISTREMENT SONORE disque: 2 enregistrements 28 min
IMPRIMES Notice, 12p

Contenu: Vues, avec commentaires sur disques, de differents immeubles (exterieur et interieur) realises d'apres les plans de l'architecte francais Le Corbusier: la villa Savoye, a Poissy; le pavillon suisse, a la Cite universitaire de Paris; l'unite d'habitation de Marseille, la "Cite radieuse"; la chapelle de Notre-Dame-du-Haut, a Ronchamp; le couvent de la Tourette, a Evreux; la zone a urbaniser en priorite (ZUP) a Lens; enfin, Chandigarh, la nouvelle capitale du Punjab.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Initiation au /developpement urbaine/
Interet international: Les disques peuvent etre remplaces par un enregistrement ou un commentaire parle en toute autre langue. Les prises de vues en interieur peuvent etre difficilement renouvelees.
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: RV 172

eav232

725.4
ARCHITECTURE ET URBANISME . L'ARCHITECTURE INDUSTRIELLE, HISTORIQUE, EVOLUTION, BILAN
France. Centre national d'art et de culture Georges Pompidou. Centre de creation industrielle, 1974

DIAPOSITIVE 24 diapos. nb & coul
IMPRIMES Livret, 28p

Contenu: Les formes et les structures qu'a connues l'architecture industrielle: l'usine-ferme, l'usine-chateau, l'usine-immeuble, les moulins, les mines, les filatures, la centrale electrique, les habitations et cites ouvrieres, les constructions "triomphalistes", "fonctionnalistes" de la premiere moitie du 20e siecle; enfin, l'usine-container et l'usine-robot; la zone industrielle.

Langue: Francais et anglais
Auditoire: /Enseignement secondaire deuxieme cycle/, /enseignement post-secondaire/
Utilisation: Initiation a l'architecture et a l'urbanisme
Interet international: Possibilite d'un commentaire en toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav219

726.7
L'ART ROMAN: CONQUES SUR LE CHEMIN DE COMPOSTELLE
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos. coul
ENREGISTREMENT SONORE disque. 2 enregistrements. 28 min
IMPRIMES 1 notice, 12 p

Contenu: L'eglise abbatiale de Sainte-Foy de Conques (Rouergue), l'un des exemples les plus typiques de l'art roman en France. Apres une vue d'ensemble de l'eglise, vues du chevet, de la tour octogonale a la croisee du transept, de la facade occidentale et du tympan, les vues interieures presentent la nef et le choeur, les chapiteaux histories, le deambulatoire et les chapelles rayonnantes, enfin, divers details, tels que la grille du sanctuaire, la lanterne de Begon et la statue de Sainte Foy.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Histoire de France, histoire de l'art, /education artistique/
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre en toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: RV 177

eav250

726.7
DER ISENHEIMER ALTAR
(THE ISENHEIM ALTAR)
Authors: Rohe, G van der; Hess, E; Baumann, H
Federal Republic of Germany. Institut fuer Film und Bild (FWU), 1971

FILM 16mm, sound, 21 min, col
PRINTED MATERIAL Teachers' guide, 2p

Contents: Views of Alsatian towns and monasteries, of idyllic timber framework corners and of the way of the Cross of the Isenheim monastery furnish a background to the painter Matthias Gruenewald. Most of the film is devoted to details of the Isenheim altar panels. The commentary points out connections with the history of that period and explains individual scenes.

Language: German
Audiences: /Upper secondary education/, /out-of-school/ education for youth, /adult education/. A knowledge of history until 1600 is assumed
Uses: Introduction to /medieval history/ and religion. /Teaching objective/: to become acquainted with the Isenheim altar as a whole and in detail; to get an idea of /religious behaviour/ during the Reformation
Availability: Special arrangement

Information agency: FWU Munich
Reference number: 32,2277 0-0

eav182

727
THE DESIGN OF LECTURE THEATRES
Author: Smith, P
United Kingdom. Council for Educational Technology for the UK, 1974

SLIDE 53 slides, col
SOUND RECORDING Tape (cassette), 14 min
PRINTED MATERIAL Booklet, 38p. Book (The Design of Learning Spaces by Smith, P.)

Contents: Starting from a consideration of the purposes of learning and the historical development of lecture theatres, the impact of new technical developments in considered. Two lecture theatres designed in the 1950s are compared in relation to physical environment, acoustics, lighting, reverberation time, facilities for projection, etc. The way in which poor liaison between client and architect can lead to design errors is discussed.

Language: English
Audiences: Architects & educators involved in planning and designing /lecture theatres/. /Teaching objectives/: a) to encourage the architect & client and their advisers to work together when designing educational facilities in new or upgraded /lecture theatres/ b) to inform both architect & client about sources of relevant information.
International interest: Of interest to all those concerned with designing or improving /lecture theatres/ for use in /higher education/
Availability: Sale

Information agency: CET London

eav141

728.8
VERSAILLES: LE CHATEAU
Auteurs: Lamorisse, Chevallier, R
France: Office francais des techniques modernes d'education, 1966

FILM Super 8mm, Muet, 5 min, coul
IMPRIMES Fiche technique, 2p

Contenu: Vues aeriennes et vues du sol du chateau de Versailles. Par diverses approches, les sequences du film montrent l'ensemble et les details architecturaux et ornementaux qui, de 1631 (style Louis XIII) a 1835 (style neo-classique), ont modele l'actuelle physionomie du chateau, avec ses facades et ses frontons, ses cours et ses ailes, ses pavillons et ses parterres, ses bassins et ses terrasses, ses colonnes, ses balustrades, ses statues

Langue: Francais
Auditoires: /Enseignement primaire/, /enseignement secondaire/
Utilisation: En classe d'histoire et de francais (civilisation du siecle classique francais)
Interet international: Images rares, prise de vues d'helicoptere. Possibilite d'un commentaire parle ou enregistre par le presentateur dans sa propre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 1 364

eav216

73.03
SCULPTURES DE LA GRECE ANTIQUE. G/T: ANCIENT GREEK SCULPTURES. G/T: PLASTIKEN DES ALTEN GRIECHENLANDS. G/T: ESCULTURAS DE LA ANTIGUA GRECIA
Auteur: Chamoux, F
France: Editions Rencontre, 1969

DIAPOSITIVE 24 diapos, coul
IMPRIMES Livre, 74p

Contenu: Quelques unes des sculptures de la Grece classique, notamment: masque et tete de femme, provenant de Mycenes; gobelet en or, provenant de Vaphio; Couros du Sounion; Appollon du Piree; Couros d'Anavyssos; detail de la stele d'Aristion; Core 675 et Core 683; Poseidon d'Histiea; statuette de Zeus, de Dodone; Athena, dite "Melancolique"; detail d'une plaque de la frise est du Parthenon; Poseidon et Apollon; Artemis; relief d'Eleusis; Demeter; Triptoleme et Core; stele funeraire d'Hegeso; Victoire detachant sa sandale; Hermes de Marathon; Heracles d'Anticythere; Tete de boxeur; d'Olympie; Poseidon de Milo; Petit jockey; Tete de philosophe; Tete de Delos, dite "Tete de la Palestre". Les notices du livre contiennent des resseignements d'ordre historique

Langues: Francais, anglais, allemand, espagnol
Auditoire: /Enseignement secondaire/, /education artistique/
Utilisation: /Education artistique/, /histoire de l'art/ (sculpture)
Interet international: Texte quadrilingue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav229

741
HET OOG OP AVONTUUR
(ADVENTURES IN PERCEPTION)
Author: Gelder, H. van
The Netherlands: Han van Gelder Filmproduktie NV, 1971

FILM 16mm, Sound, 21 min, col
PRINTED MATERIAL Teacher's notes

Contents: The work of the Dutch graphic artist Maurits Escher. Escher creates illusions and defies principles: below becomes above, ascending and descending become the same, gravitation loses its validity. Many drawings contain mathematical phenomena

Languages: Dutch and English
Audiences: /Secondary education/, /age group/ 14 and older, /Art education/
Uses: Gives an understanding of the graphic work of Escher. Can be used in teaching both art and mathematics
Availability: Hire

Information agency: NBLC The Hague
Reference number: CW 615

eav008

741
PIET MONDRIAAN
Author: Crama, N
The Netherlands: Rijksvoorlichtingsdienst, 1973

FILM 16mm, Sound, 18 min, col
PRINTED MATERIAL Teacher's notes

Contents: By means of fifty carefully chosen paintings and drawings Mondriaan's development is shown, from naturalism via cubism to pure abstraction

Languages: Dutch and English
Audiences: /Secondary education/, /age group/ 13 and older, /Art education/
Availability: Hire

Information agency: NBLC The Hague
Reference number: CW 698

eav013

75
LES INITIATEURS DU SURREALISME. G/T: THE INITIATORS OF SURREALISM. G/T: DIE BEGRUNDER DES SURREALISMUS. G/T: LOS INICIADORES DEL SURREALISMO
Auteur: Waldberg, P
France: Editions Recontre, 1971

DIAPOSITIVE 24 diapos, coul
IMPRIMES Livre, 99p

Contenu: Les oeuvres les plus marquantes des peintres surrealistes de 1914 a 1939: Giorgio di Chirico: Le Chant d'amour, 1914; Torino printaniere, 1914; Marcel Duchamp: La Mariee mise a nu par ses celibataires, meme, 1915-1923; Francis Picabia: La Femme aux allumettes II, 1920; Man Ray: Le Beau temps, 1939; Jean Arp: Bailarina, 1925-1926; Max Ernst: L'Elephant Celebes, 1921; Oedipus Rex, 1922; Loplop presente une jeune fille, 1930; Andre Masson: Les Quatre elements, 1923; Les Villageois, 1927; Les Constellations, 1925; Divertissement d'ete, 1934; Georges Malkine: L'Orage, 1926; Joan Miro: Main attrapant un oiseau, 1926; Objet, 1931; Yves Tanguy: Dormeuse, 1927; (sans titre), 1927; Pour rompre l'equilibre, 1927; Rene Magritte: L'Homme du large, 1926; Une panique au moyen age, 1927; Alberto Giacometti: Cage, 1931; Salvador Dali: Monument imperial a la femme-enfant, 1929; L'Homme invisible, 1929-1933. Les notices du livre contiennent des elements biographiques

Langues: Francais, anglais, allemand, espagnol
Auditoires: /Enseignement secondaire/, /education artistique/
Utilisations: /Education artistique/, /histoire de l'art/ (peinture)
Interet international: Le texte est quadrilingue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav225

75
PORTRET VAN FRANS HALS
(PORTRAIT OF FRANS HALS)
Author: Dupont, F
The Netherlands: Rijksvoorlichtingsdienst, 1964

PRINTED MATERIAL: Teacher's notes

Contents: The film was made on the occasion of an exhibition of 75 paintings (at home and abroad) by Frans Hals. Frans Hals happens to be the painter of the joy of living. His later works in particular show him as a great judge of people. The film also shows life in the first half of the seventeenth century in the Netherlands.

Languages: Dutch, English, French, German, Spanish
Audience: /Secondary education/, /age group/ 12 and older, /Art education/
Availability: Hire

Information agency: NBLC The Hague
Reference number: CW 304

eav015

75
REMBRANDT, SCHILDER VAN DE MENS
(REMBRANDT, PAINTER OF MAN)
Author: Haanstra, B
The Netherlands: Rijksvoorlichtingsdienst, 1957

FILM 16mm, sound, 20 min, col
PRINTED MATERIAL: Teacher's notes

Contents: The life of Rembrandt is shown by means of sixty of his paintings. His great interest in man is clearly apparent.

Language: Dutch, English, French, German, Italian, Spanish
Audience: /Secondary education/, /art education/
Availability: Hire

Information agency: NBLC The Hague
Reference number: CW 200

eav023

75
VINCENT VAN GOGH
Author: Hulsker, J
The Netherlands: Rijksvoorlichtingsdienst, 1953

PRINTED MATERIAL: Teacher's notes

Contents: Illustrates the life of Vincent van Gogh, showing the places and regions where he lived and worked and the paintings and drawings he did there. The script is based on the letters he wrote almost daily to his brother Theo, who supported him financially.

Languages: Dutch, English, French, German, Spanish
Audience: /Secondary education/, /age group/ 13 and older, /Art education/
Availability: Hire

Information agency: NBLC The Hague
Reference number: CW 147

eav014

762
TECHNIQUES OF ETCHING
Authors: Billcliffe, R; Hickey, J
Presenter: Fisher, E
United Kingdom: University of Glasgow Television Service, 1975

FILM 16mm, Sound, 29 min, col

Contents: Opens with an account of the historical development of etching as a medium, using as examples prints from the art collections of the University of Glasgow. This is followed by a detailed demonstration of the processes involved in the creation of an etching. The demonstration is filmed in the Glasgow Print Studio and explains the techniques of etching, soft-ground etching, aquatint and dry-point. Emphasises the vast range of possibilities that printmaking offers the artist and the variety of effects available from these basic techniques.

Language: English
Audiences: /Undergraduates/ with little experience of practical work; /upper secondary school/ pupils studying art; students in /art education/ studying printmaking
Availability: Hire or sale

Information agency: CET London

eav102

766
GRAPHISME: L'AFFICHE FRANCAISE DES ORIGINES A 1914. TOME 1
France: Centre national d'art et de culture Georges Pompidou. Centre de creation industrielle, 1975

DIAPOSITIVE 24 diapos: coul
IMPRIMES Livret, 39p

Contenu: Diverses affiches realisees en France des origines a 1914. Les unes sont anonymes : affiche de recrutement, 18e siecle; affiche revolutionnaire, 1972. D'autres sont signees de noms celebres, parmi lesquels ceux de: Edouard Manet, Jules Cheret, Henri de Toulouse-Lautrec, Eugene Grasset, Firmin Bouisset, Alexandre Steinlen, Pierre Bonnard, Georges De Feure, Alphonse Mucha, Leonetto Cappiello, Jules Grun, et al.

Langue: Francais et anglais
Auditoire: /Enseignement secondaire deuxieme cycle/
Utilisation: Initation a l'/art graphique/ et aux techniques publicitaires
Interet international: Possibilite d'un commentaire en toute langue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav223

778.55
DE FILMPROJECTOR, TECHNIEK EN BEDIENING
(THE FILM PROJECTOR /TECHNIQUE AND OPERATION)
The Netherlands: Nederlands Instituut voor Audiovisuele Media, 1970

SLIDE 35 slides: col
SOUND RECORDING Tape (cassette), 16 min: with synchronisation
PRINTED MATERIAL: Teacher's notes

Contents: Description of the working of the film projector and the different parts of the sound projector. The handling of the projector.

Language: Dutch
Audiences: /Teachers/, /students/ and other persons interested in the operation of filmprojectors
Uses: Can be used either for /lecture/ purposes or for /self-instruction/. /Teaching objective/: the ability to handle a sound /projector/
International interest: The slides can be used internationally. The accompanying text can be translated.
Availability: Sale

Information agency: NBLC The Hague
Reference number: DSG1

eav046

78 071
LA MUSIQUE ET LES MUSICIENS: OLIVIER MESSIAEN
Presentateur: Gauthier, A
France: Diapofilm - Editions pedagogiques, 19717

DIAPOSITIVE 18 diapos: coul
IMPRIMES Notice, 12p

Contenu: La vie et l'oeuvre du compositeur francais Olivier Messiaen, dont deux photographies du compositeur (a l'orgue de l'eglise de la Trinite a Paris, et parmi ses eleves)

Langue: Francais
Auditoire: Eleves de tous ordres d'enseignement
Utilisation: Histoire de la musique, musiciens contemporains
Interet international: Possibilite d'un commentaire en toute langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 9 308 KH

eav243

781
SOLFEGE AUDIOVISUEL A PLUSIEURS VOIX
Auteur: Gorgerat, G
France et Suisse: Ste Delachaux et Niestle, 1968

DIAPOSITIVE 108 diapos: nb & coul
ENREGISTREMENT SONORE disque: 10 enregistrements: 120 min
IMPRIMES 1 notice, 6 p

Contenu: Pour l'enseignement du solfege a plusieurs voix: intervalles, accords a trois voix, gammes, organisation rythmique du canon. Pieces diverses: 18 diapositives representent des dessins d'instruments de musique

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisations: Initiation a l'/education musicale/
Interet international: Le commentaire sur disques peut etre remplace par un commentaire parle ou enregistre en toute autre langue
Disponibilite: en vente

Selectionne par le minsitere de l'Education
Agence d'information: INRDP Paris

eav224

781.2
HET NOTENSCHRIFT
(THE MUSICAL STAFF-NOTATION)
The Netherlands: Ned. Instituut voor Audiovisuele Media, ca. 1970

FILMSTRIP 20 frames: bw
PRINTED MATERIAL Textbook

Contents: A clear and witty explanation of the principles of staff notation for music, showing a simple method of learning the notion

Language: Dutch
Audience: /Primary education/, /secondary education/, /higher education/
Use: As an aid to learning the staff notation
International interest: /Filmstrip/ can be used without textbook
Availability: Sale

Information agency: NBLC The Hague
Reference number: S 20

eav024

781.2
SOLFEGE AUDIOVISUEL A UNE VOIX
Auteur: Gorgerat
France et Suisse: Ste Delachaux et Niestle, 1968

DIAPOSITIVE 90 diapos: nb & coul
ENREGISTREMENT SONORE disque: 10 enregistrements: 120 min
IMPRIMES Notice, 6p

Contenu: Pour l'enseignement du solfege a une voix: les signes musicaux, la mesure, emploi de la ronde, de la blanche, de la blanche pointee et de la croche. Morceaux divers, dont une chorale de J.-S. Bach.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Initiation a l/education musicale/
Interet international: Le commentaire sur disques peut etre remplace par un commentaire parle ou enregistre en toute autre langue
Disponibilite: en vente

Selectionne par le ministere de l'Education
Agence d'information: INRDP Paris

eav241

783.6
TEGEN DE ZORGEN
(HAVE NO WORRIES)
Author: La Riviere, L
The Netherlands: Continental Sound, 1975

SOUND RECORDING Disc: 36 min
PRINTED MATERIAL Music-book containing the text and sheet-music of all songs on the disc

Contents: Dutch gospel songs for children sung by a children's choir

Language: Dutch
Audiences: /Primary education/, /age group/ 7-12
Uses: The disc and the music book are intended to be used together. An aid to sight reading in singing
Availability: Sale

Information agency: NBLC The Hague
Reference number: Free 3007

eav028

785.16
DER SCHLAGER
(THE MUSICAL HIT)
Authors: Blahak, D.K; Schwenk, J; Dierks, D
Federal Republic of Germany: Institut fuer Film und Bild, 1973

SOUND RECORDING Tape (reel): 26 min
PRINTED MATERIAL Teachers' guide, 4p

Contents: The purpose of this enquiry is primarily to determine the nature of the musical hit and how it is made. After a brief general definition of the subject, the creation of a hit is described from its composition to the finished product. In this connection the playback process is explained and its various phases demonstrated. There is also a discussion of the most important media used in the production of hits. This is followed by a comparison of two hits of very different standards, with an attempt at assessment of value.
The recording concludes by asking to what the modest standard of common popular hits must be attributed:
- to the taste of the consumers who purchase the records on the market, or
- to the hit-makers, who fail to offer more meritorious hits and do not even attempt to improve public taste.

Language: German
Audience: /Secondary education/. A basic knowledge of musical theory is assumed.
/Teaching objectives/: to acquaint the pupil with the nature of the musical hit and how it is made, and to attempt an assessment of value on the basis of two dissimilar examples.
Availability: Sale

Information agency: FWU Munich
Reference number: 20 2360 0-0/22 2360 0-0

eav164

785.7
ALLEGRI STRING QUARTET (BEETHOVEN STRING QUARTET IN A MINOR, OP 132)
Author: Neads, C
Presenter: Allegri String Quartet
United Kingdom: University of Bath, Educational Services Unit, 1973

VIDEO RECORDING 1 inch IVC: 100 min: bw

Contents: Music workshop including discussion by the Quartet involves some audience participation.

Language: English
Audience: /General education/
International interest: The music and the performers are of international interest.
Availability: Special arrangement

Information agency: CET London
Reference number: A55/56, C98, 99, 100

eav107

786
HISTORY OF MUSIC: THE BAROQUE ORGAN
Presenters: Hendrie, G, Jones, G
United Kingdom: The Open University, 1974

FILM 16mm, Sound: 25 min: col
VIDEO RECORDING Philips VCR: 25 min: col PAL

Contents: Music by Buxtehude, Pachelbel and J.S. Bach is played on two outstanding baroque organs in Germany, the Arp Schnitger organ at Steinkirchen near Hamburg and the Karl-Joseph Riepp organ at Ottenbeuren west of Munich.

Language: English
Audience: /Undergraduates/
Use: An Open University broadcast for students of the third level arts course, History of Music, supplementing the readings for the course.
International interest: The film is without commentary and is intended to illustrate the difference between the North German and South German traditions. The film also illustrates the nature of the churches in which these instruments stand and shows some of the handiwork of each instrument.
Availability: Hire or Sale

Information agency: CET, London
Reference number: A 304/01

eav139

791.43
BILDDOKUMENTE ZUR GESCHICHTE DES FILMS: DER KLASSISCHE DEUTSCHE STUMMFILM 1919-1929
(THE HISTORY OF MOTION-PICTURE PHOTOGRAPHY: THE GERMAN SILENT FILM IN THE CLASSICAL PERIOD 1919-1929)
Authors: Gebauer, D; Wolf, S
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

FILM 16mm, silent: 135 min: bw
PRINTED MATERIAL Teacher's guide, 2p

Contents: A selection of German silent films produced between the years 1919 and 1929, a period in which the German cinema enjoyed its one and only heyday and which was not without effect on the development of cinematography throughout the world. Extracts of varying length taken from a total of 14 motion pictures, illustrate typical subject matter and the work of leading directors. They show the high standard prevailing in German silent films of that period. When compiling and editing the selection, care was taken to ensure that sequences chosen were characteristic of each film with respect to both content and form. To be more exact, only those scenes were selected which seemed most likely to give a fair impression not only of the subject matter, background and period, but also of the composition style, the acting, the decor, the aim of the script and the style of individual directors.

Language: German
Audiences: /Upper secondary education/, /general education/, /out-of-school education/ for youth, /adult education/
/Teaching objective/: to provide background knowledge about the historical and cinematographic aspects of the German motion-picture industry during the period 1919 to 1929.
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2181 0-0

eav177

791.43
EIN FILM - DREI TEXTE
(ONE FILM - THREE SCRIPTS)
Authors: Schedereit, K; Wolf, S
Federal Republic of Germany: Institut fuer Film und Bild, 1971

FILM 16mm, sound: 21 min: col
PRINTED MATERIAL Teacher's guide, 15p

Contents: A documentary film on Puerto Rico is commented upon by three speakers successively. The scenes (city, slums, sports ground, beach, etc.) are presented unchanged, while the commentaries differ. One commentary has a tourist publicity orientation, another has a pro-American and a third an anti-American angle. By the combination of these three independent but nevertheless mutually related sections the producer succeeds in demonstrating the problematic nature of "objective" film reporting. The themes touched on are highly varied, the most important being: 1. Relations with the USA (flags). 2. Cars, highways and the modern skyline of the capital San Juan, together with a glimpse of a busy shopping street (well-known store names), serve to lend the island the outward appearance of a North American city. 3. Skyscrapers, banks, industrial installations indicate economic prosperity. 4. Numerous new hotels stress the important role of tourism. 5. The old town of San Juan in the Spanish colonial style still reminds us that Puerto Rico was a Spanish colony until the end of the 19th century. 6. The older generation especially has roots in Hispanic civilization (dominoes, language). 7. House destroyed by a bomb outrage (political climate). 8. Political meeting of a national party. 9. Inland scene, agrarian economy, symbolic allusion to flight to the towns. 10. Barrios (slums) and public housing schemes in the capital. 11. Airport at San Juan (connection with USA; emigration). 12. Recapitulation montage.

Language: German
Audience: /Upper secondary education/, /general education/, extra-curricular education projects
/Teaching objective/: to analyze the function and effect of expression by the media (film and television), and also to draw attention to the inevitable subjectivity even of documentary reports.
Availability: Sale

Information agency: FWU Munich
Reference number: 32 2302 0-0

eav158

796.32
EEN MAN, EEN VROUW, EEN BAL
(A MAN, A WOMAN, A BALL)
Author: Dussen, J.E. van der
The Netherlands: Netherlands Sport Federation, 1970

FILM 16mm, sound: 25 min: col

Contents: Basic technical principles of korfball.

Languages: Dutch, English, French, German, Spanish
Audience: /Secondary education/, /adult education/, /sports clubs/
Use: Training of those not yet familiar with the game of korfball.
International interest: Versions in 5 languages.
Availability: Sale

Information agency: NBLC The Hague

eav016

796.34
TOPTENNIS 1975: SNELHEID, TECHNIEK, TAKTIEK
(TOP TENNIS 1975: SPEED, TECHNIQUE, TACTICS)
The Netherlands: Netherlands Sport Federation, 1975

FILM 16mm, Sound: 55 min: bw

Contents: The final match of the world championship for professional lawn-tennis players between Okker and Borg in Rotterdam, 1975.

Language: English (the umpire's voice)
Audiences: /Secondary education/, colleges of /physical education/, /sports clubs/
Availability: Hire or Sale

Information agency: NBLC The Hague

eav009

796.35
DE WEG NAAR BETER HOCKEY
(TOWARDS BETTER HOCKEY)
Author: Anjema, J.
Presenter: Dijkstra, B.
The Netherlands: Netherlands Sports Federation, 1970

FILM 16mm, sound: 17 min: col
VIDEO RECORDING 1/2 inch Philips VCR: 16 min: col PAL

Contents: Basic technical principles of hockey.

Language: Dutch, English, French, Spanish, German
Audience: /Secondary education/, /age group/ 14 and older: Colleges of /physical education/, /sports club/s
Use: Hockey training.
Availability: Hire or Sale.

Information agency: NBLC The Hague

eav027

796.43
LEICHTATHLETIK: HOCHSPRUNG, ROLLSPRUNG
(ATHLETICS: HIGH JUMP, WESTERN ROLL)
Authors: Kirsch, A; Wagner, O
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

FILM Super 8mm, Silent: 4 min: col
PRINTED MATERIAL Teacher's guide, 2p

Contents: A twelve-year-old boy rolls over the bar following a seven-stride run-up from the left-hand side, with the camera positioned in the pit. The same exercise is repeated, but in slow motion and with the camera in a lateral position. The seven-stride run-up is by no means typical of the roll technique, five-stride as well as seven-stride run-ups being used in basic training. The five-stride run-up is lengthened to seven by two preceding strides at walking (later running) pace. The sound accompaniment is then: tum-ti-tum-ti-tum-tee-tup. Run-up errors and their correction are illustrated.

Language: German
Audiences: /Pupils/, /students/ and /teachers/
Uses: Teaching of sport: /Teacher education/ and /in-service training/
Availability: Sale

Information agency: FWU Munich
Reference number: 36 0179 0-0

eav184

796.43
LEICHTATHLETIK: HOCHSPRUNG, SCHERKEHRSPRUNG
(ATHLETICS: HIGH JUMP, EASTERN CUTOFF)
Authors: Kirsch, A; Wagner, O
Federal Republic of Germany: Institut fuer Film und Bild (FWU), 1970

FILM Super 8mm, Silent, 3 min, col
PRINTED MATERIAL Teacher's guide, 2p

Contents: An eleven-year-old girl and a twelve-year-old boy demonstrate eastern cutoff jumps with a run-up from various angles. The jumper is shown measuring the five-stride run-up as the equivalent of seven walking paces.

Language: German
Audiences: /Pupils/, /students/ and /teachers/
Use: /Teaching of sport/, /Teacher education/ and /in-service training/
Availability: Special arrangement

Information agency: FWU Munich
Reference number: 36 0178 0-0

eav194

796.43
LEICHTATHLETIK: HOCHSPRUNG, WAELZER (FEINFORM)
(ATHLETICS: HIGH JUMP, STRADDLE (ADVANCED TECHNIQUE))
Authors: Kirsch, A; Wagner, O
Federal Republic of Germany: Institut fuer Film und Bild, 1970

FILM Super 8mm, Silent, 6 min, col
PRINTED MATERIAL Teacher's guide, 2p

Contents: A fifteen-year-old boy jumps with a five-stride run-up, a fifteen-year-old girl with a seven-stride run-up. Illustrations of an error and of corrective exercises draw attention to the important outward knee twist of the jumping leg above the bar.

Language: German
Audiences: /Pupils/, /students/ and /teachers/
Uses: Teaching of sport, /Teacher education/ and /in-service training/
Availability: Sale

Information agency: FWU Munich
Reference number: 36 0181 0-0

eav197

796.43
LEICHTATHLETIK: HOCHSPRUNG, WAELZER (GROBFORM)
(ATHLETICS: HIGH JUMP, STRADDLE (ELEMENTARY TECHNIQUE))
Authors: Kirsch, A; Wagner, O
Federal Republic of Germany: Institut fuer Film und Bild, 1970

FILM Super 8mm, Silent, 5 min, col
PRINTED MATERIAL Teacher's guide, 2p

Contents: A thirteen-year-old schoolboy demonstrates the elementary form of the straddle technique following a five-stride run-up. Systematic preliminary exercises, such as the judo roll and vertical jumps, are also demonstrated and errors illustrated.

Language: German
Audiences: /Pupils/, /students/ and /teachers/
Uses: Teaching of sport, /Teacher education/ and /in-service training/
Availability: Sale

Information agency: FWU Munich
Reference number: 36 0180 0-0

eav195

796.43
LEICHTATHLETIK: HOCHSPRUNG, WAELZER (STIL DES MEISTERS)
(ATHLETICS: HIGH JUMP, STRADDLE (CHAMPIONS' STYLE))
Authors: Kirsch, A; Wagner, O
Federal Republic of Germany: Institut fuer Film und Bild, 1970

FILM Super 8mm, Silent, 5 min, col
PRINTED MATERIAL Teacher's guide, 2p

Contents: The demonstrations are given by the high jumpers Gunther Spielvogel (Germany) and Correlia Popescu (Rumania). The important feature is the rhythmic and dynamic execution of the run-up. A particular item of the special training is the upward thrust of the straightened lead leg.

Language: German
Audiences: /Pupils/, /students/ and /teachers/
Uses: Teaching of sport, /Teacher education/ and /in-service training/
Availability: Sale

Information agency: FWU Munich
Reference number: 36 0182 0-0

eav196

801
ATT SE VAD ANDRA HOR: SPRAKKURS FOR DOVA
(TO SEE WHAT OTHERS HEAR: LINGUISTIC COURSE FOR DEAF PEOPLE)
Authors: Jonsson, I; Jonsson, K
Presenters: Wickstrom, L-A; Hagberg, R
Sweden: The Committee for TV and Radio in Education (TRU), 1974

FILM 16mm, sound, 8 films, 160 min, bw
VIDEO RECORDING Philips VCR, 8 recordings, 160 min, bw
PRINTED MATERIAL 8 books

Contents: Every recording contains a short everyday situation, made as a play, which is about a deaf girl and a boy with hearing. In the second part different linguistic expressions, based on the play, are taught and commented on. Examples of titles are The Sign Language Is Not Strange, What Cannot She Hear? and We Live in Different Worlds. Linguistic information is given about the alphabet, synonyms, grammar. In the field of society information is given about traffic, hospitals, theatre, education, guidance and travelling.

Language: Swedish
Audience: /Adult/ /deaf/ people
Use: /Group work/ led by a /teacher/ who is familiar with the /sign/ language. /Teaching objective/: to give the /deaf/ student a better language, increase his possibilities of using his language and to give him certain information about society.
International interest: The /course/ is easy to translate into other languages. The programmes have subtitles. Scripts exist in English, French and German.
Availability: Hire or Sale

Information agency: NSBE Stockholm

eav066

801
KONTAKT MED TECKEN NYBORJARKURS I TECKENSPRAKET
(CONTACT WITH SIGNS A BEGINNERS' COURSE IN SIGN LANGUAGE)
Author: Myrstigen, A
Presenter: Wickstrom, L -A
Sweden: The Committee for TV and Radio in Education (TRU), 1975

FILM 16mm, Sound 16 films 240 min col
VIDEO RECORDING Philips VCR 16 recordings 240 min col PAL
PRINTED MATERIAL 2 books

Contents: In the first part of each recording there are short dramatizations built on the lives of two neighbouring families where the different members are either hearing, deaf or have hearing defects. Everyday scenes and a very simple language. In the second part of the recordings the new signs are explained and taught, 20-30 in every recording. The hand alphabet is constantly taught. Both deaf and hearing people appear. They use sign language and talk at the same time.

Language: Swedish
Audiences: Hearing /adults/, primarily those who are or will be in contact with /deaf/ people. Can also be used in /secondary education/
Uses: Primarily for /group work/ or for /individual work/. /Teaching objective/: to make it possible for people, who live or work together with /deaf/ people, to communicate with them. 350 signs are taught and the /course/ gives a basis for further studies.
International interest: The material could be of interest to trainers of deaf people. The recordings have subtitles and can easily be translated. Efforts are being made to make the sign language international.
Availability: Hire or Sale

Information agency: NSBE Stockholm
eav065

820-2
AT THE HAWK'S WELL
Authors: Ash, N; Clark, D; Smith, C
United Kingdom: University of London Audio Visual Centre, 1973

VIDEO RECORDING 1 inch IVC or Ampex or Sony CV or AV 1/2 inch or Philips VCR or Sony U-matic video cassette 34 min bw

Contents: A production for television of the stage version of the dance play by W B Yeats With the Yeats Theatre Company.

Language: English.
Audience: /University studies/ of literature and drama.
International interest: Although this is a production for television, it has not been widely shown. The visual content is important.
Availability: Hire or Sale

Information agency: CET London
Reference number: c 259
eav100

840-2
CYRANO DE BERGERAC
Auteur: Rostand, E
Presentateurs: Sorano, D; Christophe, F
France: Disques VEGA, 1963

ENREGISTREMENT SONORE Disque: 3 enregistrements 120 min
IMPRIMES Livret, 20p

Contenu: Enregistrement du texte integral de la celebre comedie heroique en 5 actes d'Edmond Rostand mise en scene et jouee a Television francaise (realisation Claude Barma, du 25-12-1960).

Langue: Francais
Auditoire: /Enseignement secondaire/, /education des adultes/
Utilisation: Histoire de la litterature francaise - le theatre
Interet international: Peut etre integre en totalite ou en partie dans un cours de francais pour grands eleves ou adultes.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: 7 30 A 2527
eav220

840-2
MOLIERE
Presentateur: Desalmand, L; Lerminier, G
France: Association universitaire pour le developpement de l'enseignement et de la culture en Afrique et a Madagascar, 1969

DIAPOSITIVE 40 diapos: coul
IMPRIMES Livret, 35p

Contenu: La vie l'oeuvre de Moliere et diverses interpretations de ses pieces. La vie de Moliere d'apres des tableaux, gravures et dessins de l'epoque. La societe francaise au siecle de Louis XIV. Le theatre comique en France au 17e siecle. Diverses interpretations et mises en scene des oeuvres de Moliere, du 17e siecle a nos jours.

Langue: Francais
Auditoire: /Enseignement secondaire/
Utilisation: Histoire de la litterature francaise, 17e siecle, theatre, Moliere
Interet international: Le texte du commentaire peut servir de base a une traduction ou adaptation dans toute autre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
eav205

840-6
UNE OEUVRE ET SON PAYSAGE: MARQUISE DE SEVIGNE A L'HOTEL DE CARNAVALET
France: Cooperative de l'enseignement laic - Editions de l'Ecole moderne francaise, 1968

DIAPOSITIVE 12 diapos: coul
ENREGISTREMENT SONORE disque: 12 min
IMPRIMES 1 notice, 8 p

Contenu: Les lieux ou vecut le celebre ecrivain francais du 17e siecle: hotel de Carnavalet (Paris), aujourd'hui musee, avec son portail, sa cour et son jardin et divers autres details des batiments et de l'interieur; la place des Vosges. Avec textes extraits des "Lettres" de la marquise de Sevigne sur sa vie quotidienne et enregistres sur disque.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisations: En classe d'histoire de la litterature francaise.
Interet international: Le disque peut etre remplace par un commentaire parle ou enregistre dans toute autre langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris
Numero de reference: Litterature, 4
eav246

910
LE GRAND VOYAGE DE MARCO POLO
France. Office francais des techniques modernes d'education, 1975

DIAPOSITIVE 16 diapos coul
ENREGISTREMENT SONORE disque 2 enregistrements 27 min
IMPRIMES 1 notice, 16p

Contenu: Reproduction de 16 miniatures extraites du "Livre des merveilles" (Departement des manuscrits de la Bibliotheque nationale a Paris), dont une partie illustre divers episodes du voyage de Marco Polo en Chine. La Chine decrite par Marco Polo y est representee par des images dont le caractere occidental et medieval est frappant.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisations: Activite d'eveil, histoire et geographie, recits de voyages
Interet international: Les disques peuvent etre remplaces par un commentaire parle ou enregistre dans toute autre langue. Images de documents rares, difficilement accessibles
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: RV 180

eav247

914.1
LOCH TORRIDON KIT
Author: Knowles, P.
United Kingdom: Renfrewshire Geography Working Party, 1974

SLIDE 27 slides, col
TRANSPARENCY 6 frames
STEREOGRAPH: 2 pairs of aerial photographs
PRINTED MATERIAL Teacher's notes, map (North Sea Oil), spirit duplicator masters (9), booklet (The top country, by Highlands & Islands Development Board), computer printout, notes on slides, notes on Torridon area, British Rail timetable (20 copies), ordnance survey sheet

Contents: The Scottish Section of the Alternative 'O' grade Geography Syllabus is largely based on the nine 1:50,000 map extracts of various parts of Scotland and it is suggested that these extracts should be used as 'windows' on the geography of Scotland. This kit, based on the Torridon map extract, attempts to provide a 'window' on the geography of the Scottish Highlands and at the same time incorporates a number of quantitative techniques and methods incorporated in the 'O' grade syllabus. For example, pupils are introduced to time/distance, topological mapping, gradients, relief indices, relationships between relief/slope/land use/settlement, photographic interpretation etc.

Language: English
Audiences: /upper secondary education/
Uses: AV material for /lecture/ illustration
Printed material for /individual work/
/Teaching objectives/: (1) appreciation of position, accessibility and remoteness, (2) appreciation of relief, and relief in relation to land use, (3) awareness of the relationship between relief, structure, and land use, (4) understanding of the inter-relationship which exists between man and his environment, (5) show constant change in land use, particularly the Loch Torridon area, and that no area can be considered as isolated from the rest of the country.
International interest: Teachers could use the resource materials in their own particular way. Integrated use of several media could provide useful model for other /learning kits/
Availability: Special arrangement

Information agency: CET London

eav129

914.4
DANS LES LANDES
France. Cooperative de l'enseignement laic - Editions de l'Ecole moderne francaise, 1963

DIAPOSITIVE 12 diapos coul
ENREGISTREMENT SONORE disque 12 min
IMPRIMES Notice, 12p

Contenu: La fixation des dunes de sable dans la region des Landes (France) par plantation d'oyats, la foret landaise, l'exploitation des pins par gemmage (recolte de la seve) et par abattage des arbres (pour poteaux de mine et bois de charpente), la protection contre l'incendie (tour de guet d'un poste de pompiers-forestiers, une tranchee pare-feu). Le commentaire enregistre sur disque a ete realise par les eleves d'une ecole primaire.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil en geographie economique et humaine
Interet international: Le disque peut etre remplace par un commentaire parle ou enregistre dans toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 816

eav242

914.4
LA FORET VOSGIENNE
Auteurs: Mercier, B. Heraud, M.
France. Office francais des techniques modernes d'education, 1970

FILM Super 8mm, Muet, 5 min, coul
IMPRIMES Fiche technique, 2p

Contenu: L'originalite du couvert forestier vosgien. Les vues, prises d'helicoptere, en automne, montrent la foret de la Haute-Meurthe (France) qui s'etend sur 1882 ha entre les vallees de la Meurthe et de la Vologne, a une altitude comprise entre 600 et 1100m. Les images permettent de mesurer l'importance de la foret, ses limites superieures que dominent les "chaumes", son aspect (epuplement de hetres et de sapins), ainsi que son traitement et son exploitation.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire/
Utilisation: En classe de geographie physique et humaine, etude d'un biotope, la foret
Interet international: Images aeriennes assez rares. Possibilite d'un commentaire parle ou enregistre dans la langue du presentateur
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de refence: 1 406

eav222

914.4
LA FRANCE PAR HUIT : LE NORD, PAYSAGES ET INDUSTRIES
Auteurs: Favalier, J; Rolland-Piegue, N
France: La Documentation francaise - Editions du Secretariat general du gouvernement, 1975

DIAPOSITIVE 12 diapos: coul
IMPRIMES Livret, 19p

Contenu: La vie industrielle du Nord de la France: puits de mine, cokerie, centrale thermique, haut fourneau, complexe siderurgique, raffinerie, usines textiles, verrerie, industrie mecanique

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire/
Utilisation: Enseignement de la geographie economique de la France, industrie
Interet international: Le livret peut servir de base pour une traduction ou adaptation en toute langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 6019

eav202

914.4
LES LANDES DE GASCOGNE: ETUDE GEOGRAPHIQUE
Presentateur: Roudie, P; Papy, L
France: Centre regional de recherche et de documentation pedagogiques de Bordeaux, 1971

DIAPOSITIVE 16 diapos: nb & coul
IMPRIMES Livret, 40p

Contenu: Une etude de geographie regionale, les Landes de Gascogne (France). Les photos representent la foret de pins, les dunes de sable (dont la dune du Pyla), les etangs, lagunes et chenaux. Reproduction d'une ancienne carte representant le "desert landais" au 18e siecle. A la suite, diapositives illustrant la vie economique actuelle de la region: exploitations forestieres, scieries, papeteries, cultures de mais, puits de petrole, ostreiculture, stations balneaires et touristiques

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire/
Utilisation: Enseignement de la geographie de la France, geographie regionale
Interet international: Possibilite d'utiliser le livret pour une adaptation ou une traduction dans toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 2

eav206

914.85
I NAGRA STORRE STADER
(SOME CITIES IN SWEDEN)
Sweden: Esselte Studium, 1974

SLIDE 40 slides: col

Contents: The material contains pictures from the three largest cities in Sweden: Stockholm, Gothenburg and Malmo. Different housing areas are illustrated as well as the communications motorways, parking places, the underground. Pictures are shown from different working places like offices and factories. Some pictures of the distribution of provisions for the inhabitants. The refuse collecting and the water supply are illustrated. Cultural memorials, and pictures from schools. Leisure time activities in playgrounds, sports grounds and establishments for other types of activities are shown, like amusement parks.

Language: Swedish
Audiences: /Primary education/, age group 7-11
Uses: /L`cture/ illustration, /group work/ or /individual work/ in geography. /Teaching objective/: to give the /student/ some impressions of three cities in Sweden
International interest: The material can form a basis for discussion in the classroom about similarities and differences between cities in different countries. It is easy to use - no /translation/ is necessary
Availability: Sale

Information agency: NSBE Stockholm

eav092

918.1
LE BRESIL. I- L'AMAZONIE, LE CENTRE-OUEST, LE SUD, LE NORD-EST
Presentateur: Dacier, G
France: Diapofilm - Editions pedagogiques, 1972?

DIAPOSITIVE 20 diapos: coul
IMPRIMES Notice, 12p

Contenu: La mise en valeur du Bresil et notamment l'Amazonie, les paysages de l'interieur semi-aride, le littoral, les villes et les plantations du Nord-Est, enfin diapositives sur les Etats du Sud: Parana, Santa Catarina, Rio Grande do Sul

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Enseignement de la geographie de l'Amerique du Sud
Interet international: Le commentaire de la notice peut etre remplace par un commentaire parle, enregistre ou ecrit dans toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: EC 2005

eav207

93"19"
DE 20E EEUW IN AUTHENTIEK GELUID
(THE TWENTIETH CENTURY IN SOUND)
Presenter: Bloemendal, P
The Netherlands: Dureco, 1976

SOUND RECORDING disc: 4 recordings: 190 min
PRINTED MATERIAL Sheet with index

Contents: World history from 1890 to 1969. Speeches of statesmen, reports of important events, etc. with a connecting commentary

Languages: Dutch, English, French, German, Italian, Russian
Audience: /Upper secondary education/, /higher education/, /adult education/
Use: /Lecture/ illustration, /group work/, /self-instruction/
International interest: World history in a useful compact form. Various language versions are available
Availability: Sale

Information agency: NBLC The Hague
Reference number: ELF 47.08/09/10/11

eav010

930.26
ARCHEOLOGIE AERIENNE DU NORD, PAS-DE-CALAIS
Presentateur: Agache, R
France: Centre regional de recherche et de documentation pedagogiques de Lille, 1975

DIAPOSITIVE 24 diapos: coul
IMPRIMES Livret, 19p

Contenu: Photographies aeriennes prises en lumiere rasante ou a la verticale et faisant apparaitre les vestiges du passe a proximite des actuelles localites des departements du Nord et du Pas-de-Calais (France): traces de fortifications de la Gaule antique et medievale, de voies et de villas romaines ou gallo-romaines

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire/
Utilisation: Histoire de France, antiquite et moyen age
Interet international: Prises de vues aeriennes rares. Le livret de commentaire peut servir pour une traduction ou une adaptation dans toute langue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav233

930.26
DISCOVERING THE PAST
Author: Piggot, S
Presenter: Magnusson, M
United Kingdom: Educational Films of Scotland, 1974

FILM 16mm, sound: 14 min: col

Contents: Magnus Magnusson tells the story of a two year dig at a prehistoric long barrow near Edzell in Kincardineshire. Under the supervision of Professor Stuart Piggott, the Department of Archaeology at Edinburgh University carefully dismantle the Daladdies barrow. Laboratory analysis of soil and charcoal samples date it to 4000 BC. Other evidence shows that the men who built it were already engaged in agriculture, and that a fairly sophisticated social structure had been evolved. The barrow no longer exists today - but it has helped to re-write the earliest chapter of Scotland's history. It proved there were farmers in the North East of Scotland long before scholars previously thought possible. "And all this emerged from the careful recording and interpretation of things that you and I would pass without a second glance - a heap of earth, a clutter of old stones, a hole in the ground, a stain in the soil"

Language: English
Audiences: /Secondary education/, /age group/ 12-15
/Teaching objective/: through illustrating the methods used in archaeology, to give the student an appreciation and understanding of the value of archaeological investigation
International interest: Illustrates the general principles of archaeology
Availability: Sale

Information agency: CET London
Reference number: 2DC 4961

eav126

930.26
KOL 14 - DATERING
(DATING BY CARBON 14)
Sweden: Esselte Studium, 1975

SLIDE 11 slides: col

Contents: The method of dating finds in archeology by the use of carbon 14 has become more and more important over the last few years. This material describes the method with bones as a starting material. Different important concepts are explained

Language: Swedish
Audiences: /secondary education/, /age group/ 13-16
Uses: /lecture/ illustration. /Teaching objective/: to lead the /student/s to understand how dating by carbon 14 is done
International interest: This method of dating archeological finds is fairly new and it is visualised in a very simple way in this material
Availability: Sale

Information agency: NSBE Stockholm

eav095

930.26
TYPOLOGY
Authors: Marker, W; Walters, T.M.
Presenter: Walters, T.M.
United Kingdom: Scottish Centre for Social Subjects, no date

FILMSTRIP 30 frames: col.
PRINTED MATERIAL Tape script: Pupils' questionnaire

Contents: A semi-programmed account of typology (the process of dating archaeological objects by placing them in order of complexity, and therefore establishing the order in which they awere made). Pupils complete questionnaires as the programme proceeds.

Language: English
Audience: /Lower secondary education/
Uses: To provide an opportunity for pupils to engage in decision making, and to enable them to understand how typology is used. For use in /self-instruction/ or /group work/.
International interest: An example of a low cost, semi-programmed, self-instructional package.
Availability: Special arrangement.

Information agency: CET London
Reference number: N0492/R0493 1-5/W0494 1/2

eav128

930.26(44)
NOTRE PICARDIE: ARCHEOLOGIE AERIENNE DE LA PICARDIE
Presentateur: Agache, R.
France: Centre regional de recherche et de documentation pedagogiques d'Amiens, 1971

DIAPOSITIVE 24 diapos: coul.
IMPRIMES 25 fiches

Contenu: Photographies aeriennes et de vues au sol, representant des sites archeologiques de Picardie (France): vestiges de fosses circulaires, d'habitats protohistoriques, de villas et d'oppida gallo-romains, de sanctuaires et de temples, le theatre de Champlieu, traces de voies romaines, vestiges de forteresses medievales edifiees sur des "mottes", l'abbaye de Vron.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire/.
Utilisation: Histoire de France, antiquite et moyen age.
Interet international: Prises de vues aeriennes rares. Les fiches peuvent servir de support a une traduction ou adaptation en toute langue.
Disponibilite: en vente.

Agence d'information: INRDP Paris

eav244

937
ROM - VARLDSRIKET
(ANCIENT ROME)
Sweden: Esselte Studium, 1975

SLIDE 38 slides: col.
PRINTED MATERIAL Textbook

Contents: The origin, greatness, decline and fall of ancient Rome are described in two series of slides. The first series treats the earliest history of Rome and the development of the Roman state up to the first century A.D. In the second series the development is described up to the fall of the Western Empire. The chief stress is put on the culture of the time of the Emperors, the connection between the culture in Greece and Rome and the importance of the Roman Empire for our own period of the time.

Language: Swedish
Audiences: /Secondary education/, /age group/ 13-16.
Uses: /Lecture/ illustration, /group work/ or /individual work/. /Teaching objective/: to illustrate the history of ancient Rome.
International interest: The theme is of international interest.
Availability: Sale.

Information agency: NSBE Stockholm

eav077

939
NEDERLAND IN DE PREHISTORIE
(THE NETHERLANDS IN PREHISTORIC TIMES)
The Netherlands: FIBO-Beeldonderwijs B.V., 1956

SLIDE 20 slides: col.
PRINTED MATERIAL Booklet with a commentary on each picture

Contents: The development of civilization in prehistoric times in Dutch territory. Discussion of the different tribes with their means of support and habits.

Language: Dutch
Audiences: /Primary education/, /secondary education/, /age group/ 10-15.
Uses: /Lecture/ illustration, /group work/, /self-instruction/.
International interest: Has already been sold in foreign countries.
Availability: Sale.

Made under supervision of the national Archaeological Soil Research Service.
Information agency: NBLC The Hague
Reference number: Fibocolor 451

eav029

940.3
DEN OKANDE SOLDATEN
(THE UNKNOWN SOLDIER)
Sweden: Pogo Produktion, 1975

SLIDE 36 slides: col
SOUND RECORDING tape (cassette): 18 min: with Synchronisation

Contents: This is a lyrical and dramatical material about man in the First World War. The objective is not to give political and military facts about the war, but to describe how common people - the soldiers in the trenches and their families at home - experienced this war. It aims at creating understanding and compassion for all those who paid the price - on both sides of the front - for the decisions of the sovereigns, the politicians and the generals. The text contains quotations from contemporary sources like letters from soldiers, speeches by national leaders and songs.

Language: Swedish
Audience: /Secondary education/, /age group/ 14-16
Uses: /Lecture/ illustration, /group work/, /individual work/ in history, civics or moral education. /Teaching objective/: to illustrate the feelings of the common soldiers in a war.
International interest: The material can be used as a model for production of similar material. It can also be used as it is as a starting point for /discussion/s in the classroom. It is possible to understand the emotions without understanding the actual words.
Availability: Sale.

Information agency: NSBE Stockholm

eav053

940.3
LA PREMIERE GUERRE MONDIALE
France: Centre regional de recherche et de documentation pedagogiques de Dijon, 1973?

DIAPOSITIVE 24 diapos: nb & coul
IMPRIMES Notice, 4p

Contenu: Des photographies et des illustrations parues dans la presse francaise au cours des annees 1914-1918 ou appartenant a des collections particulieres. Images du front, en Russie et dans le Nord de la France. Le bapteme du feu. Officiers et soldats de diverses armes et armees. Prisonniers de guerre. Armement (tank britannique, avions belges). La vie a l'arriere: jeux des enfants, exploitation publicitaire de la guerre, vetements, courrier, medailles.

Langue: Francais
Auditoire: Eleves de tous ordres d'enseignement
Utilisation: Histoire moderne, guerre 1914-1918
Interet international: Reproductions de documents d'epoque peu accessibles. Possibilite d'un commentaire en toute langue
Disponibilite: en vente

Agence d'information: INRDP Paris

eav203

940.53
DORZAKEN VAN DE TWEEDE WERELDOORLOG
(CAUSES OF WORLD WAR II)
The Netherlands: Polyvisie B.V., 1970

SLIDE 150 slides: col
SOUND RECORDING Tape (reel): 45 min: with Synchronisation
PRINTED MATERIAL Teacher's notes

Contents: By means of original photographs, drawings, cartoons, paintings, maps and press-cuttings of the time, alterations in the balance of power leading to World War II are explained.

Language: Dutch
Audience: /Primary education/, /age group/ 10 and older. /Secondary education/
Use: Analysis of the causes of world War II gives pupils a deeper understanding of the causes of war in general.
Availability: Sale.

Information Agency: NBLC The Hague
Reference number: K 3056

eav011

940.53
THE WINTER WAR AND ITS EUROPEAN CONTEXT
United Kingdom: InterUniversity History Film Consortium, 1974

FILM 16mm, Sound: 55 min: bw

Contents: Deals with the character of USSR-Finnish relations after the Second World War in comparison with other European neighbours of the USSR, and examines the Winter War of 1939-40. First part considers Finland and the USSR from the Finnish Civil War to 1939, the relationship being viewed in the context of the general development of international relations. The second part concentrates on the Winter War, showing the significance of topography, climate and tactics and the War's international implications. Considers the War's importance for the newly emerging USSR-Finnish relationship after 1944 in the context of USSR domination of Eastern Europe. Archival film material from Finland, Britian, USSR and USA.

Language: English
Audiences: /Undergraduates/ and /graduates/ studying /twentieth century history/
International Interest: A scholarly compilation using rare film footage.
Availability: Sale.

Information agency: FWU Munich

eav103

940.53
WINSTON CHURCHILL: MEMOIRES SUR LA DEUXIEME GUERRE MONDIALE
Auteur: Churchill, W.L.S.
Presentateur: Wilson, G.
France: Librairie Hachette: production sonore Hachette, 1971

ENREGISTREMENT SONORE disque: 50 min
IMPRIMES Livret, 14p

Contenu: Choix de textes traduits en Francais, dits par Georges Wilson: Churchill, premier ministre, la chute de la France, Mers-el-Kebir, la bataille d'Angleterre, notre allie sovietique (1941), l'Amerique en guerre (1941), la bataille d'El Alamein (1942), le debarquement de Normandie (6 juin 1944), la mort de Roosevelt (1945), la capitulation allemande (8 mai 1945), les elections britanniques (1945).

Langue: Francais
Auditoire: /Enseignement secondaire deuxieme cycle/
Utilisation: Histoire contemporaine, la 2e guerre mondiale
Interet international: Utilisable dans tous les pays francophones
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 320 E2 34

eav235

941
SCOTLAND AND THE WARS OF INDEPENDENCE
Author: Curriculum Development Centre
United Kingdom. Curriculum Development Centre, Clydebank, 1975

SLIDE 20 slides: col
TRANSPARENCY 4 frames
SOUND RECORDING Tape (reel): 10 min: with synchronisation
PRINTED MATERIAL Pupil's worksheets, teacher's handbook

Contents: The wars of independence in Scotland.

Language: English.
Audience: /Lower secondary education/, /age group/ 11-14.
/Teaching objective/: to develop the pupils' awareness of the nature of history as a discipline through an extensive use of source material. It is designed for mixed /ability grouping/ to facilitate both /group work/ and /individual work/.
Availability: Special arrangement.

The /learning kit/ was evaluated in four schools in Dunbarton Division of Strathclyde Region, Scotland.
Information agency: CET London

eav110

944"16/18"
TRAVAIL ET SOCIETE: LA VIE RURALE DU XVIIE AU XIXE SIECLE
Presentateur: Minelle, F
France. La Documentation francaise - Editions du Secretariat general du gouvernement, 1974

DIAPOSITIVE 12 diapos: coul
IMPRIMES Livret, 31p.

Contenu: Des tableaux, gravures et illustrations, conserves dans divers musees francais et representant des scenes de la vie villageoise d'autrefois: un chalet savoyard, debut du 19e siecle; la halte des dragons au village, milieu du 18e siecle; la flambee du cochon, 1811; repas des paysans, 1642 et fin du 19e siecle; la foire de Quimper, 1810; retour de la foire, 1850; la fete patronale, 1831; la moisson, 1874; village de vignerons, 1787; scene de vendange, debut du 19e siecle. Les notices donnent des indications sur la nature des oeuvres representees, leur auteur et le lieu de conservation.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/, /enseignement secondaire deuxieme cycle/
Utilisation: Histoire de France, paysannerie
Interet international: Images de documents difficilement accessibles. Le livret peut servir de support a une adaptation ou traduction en toute langue.
Disponibilite: selon accord particulier

Agence d'information: INRDP Paris
Numero de reference: 6011

eav230

944"18"
1870-1900, LES PAYSANS
France. Cooperative de l'enseignement laic - Editions de l'Ecole moderne francaise, 1965

DIAPOSITIVE 12 diapos: coul
ENREGISTREMENT SONORE disque: 12 min
IMPRIMES Notice, 8p.

Contenu: Les scenes de la vie paysanne du siecle dernier. Paysans et paysannes en costumes d'epoque, travaux des champs a l'aide de l'outillage ancien: faux, batteuse a vapeur. Fabrication artisanale du pain. Le commentaire parle est fait d'interviews de paysans, enregistrees par les eleves d'une ecole primaire.

Langue: Francais
Auditoire: /Enseignement primaire/, /enseignement secondaire premier cycle/
Utilisation: Activites d'eveil en histoire du 19e siecle, geographie economique et humaine, l'agriculture, moeurs et coutumes
Interet international: Le disque peut etre remplace par un commentaire parle ou enregistre dans toute autre langue
Disponibilite: en vente

Agence d'information: INRDP Paris
Numero de reference: 823

eav204

948
ELLE - KARI
(ELLE - KARI, A LITTLE GIRL FROM LAPLAND)
Author: Elly, J
Sweden: Esselte Studium, 1975

SLIDE 37 slides: col
SOUND RECORDING Tape (reel): 10 min: with synchronisation

Contents: Elle-Kari is a 3-year old Laplandish girl. Her life is different from most other children's lives in Europe. She lives in the North of Sweden where the climate is hard. The winter is cold and snowy - the summer short and very light. Partly Elle Kari's life follows the old traditions of the Laps. In the winter she lives with her family in an ordinary house in a village. In the summer the family moves into a "kata" - the old-fashioned cone-shaped hut of the Laps - far away in the mountains of Lapland. The material contains a description of a year in Elle-Kari's life.

Language: Swedish.
Audiences: /Primary education/, /age group/ 7-9.
Uses: /Lecture/ illustration in regional studies. /Teaching objective/: to make the students acquainted with the life of a minority people in Europe.
International interest: The traditional life of the Laps is disappearing. This material shows a combination of modern and traditional ways of living.
Availability: Sale.

Information agency: NSBE Stockholm

eav087

948
LANGS DALALVEN
(ALONG A RIVER IN DALECARLIA)
Sweden: Esselte Studium, 1974

SLIDE 27 slides: col

Contents: The slides illustrate the part of Sweden which is called Dalecarlia. Well-known to tourists, it is beautiful and has preserved many of the old traditions from the period when agriculture was predominant in the area. Now modern industries have been built up, based on the natural resources like water- power and forestry. The material shows how modern and traditional ways of life exist side by side. Modern water- power installations are shown, as well as for example the traditional Midsummer-Night festival in a small village, called Rattvik.

Language: Swedish
Audiences: /Primary education/, /age group/ 7-11
Uses: /Lecture/ illustration, /group work/ /individual work/ in geography. /Teaching objective/: to give the /student/ some impressions of a beautiful part of Sweden where old traditions still exist.
International interest: It is an advantage to illustrate lessons in geography with pictures produced in the country in question. The material is easy to use - no /translation/ is necessary.
Availability: Sale

Information agency: NSBE Stockholm

eav096

948
VI UPPLEVER FJALLET
(WE MEET THE SNOW MOUNTAINS)
Sweden: LiberLaromedel, 1970

FILM 16mm, Sound: 22 min: col

Contents: How plants, animals and human beings have adapted to the special environment of the Scandinavian alps and how man has transformed the landscape in order to make use of and develop its resources - primarily water power and iron ore. A representative selection of natural and cultural environments gives basic information for understanding the Nordic snow mountain environment and its inhabitants.

Languages: Swedish, English, Danish
Audiences: /Teacher education/, /upper secondary education/
Uses: /Lecture/ illustration. /Teaching objective/: to make the student understand the close relationship between man and nature.
International interest: The film can be used by teachers as a model for describing the correlation between man and nature. 3 language versions available.
Availability: Sale

Information agency: NSBE Stockholm

eav068

951
VARDAG I KINA
(EVERYDAY LIFE IN CHINA)
Authors: Lauritzon, G; Odgard, B
Sweden: Esselte Studium, 1975

SLIDE 42 slides: col
SOUND RECORDING Tape (reel): 20 min: with Synchronisation

Contents: Three aspects of everyday life in China are illustrated: education, industry, and family life. Education is described from the point of view of a teacher and a student. The student tells us about his school-day and the teacher about his teaching methods. In the industrial part the ownership of industry as a whole is illustrated. Pictures from a factory are shown and working conditions and salaries are discussed. In the third part the life of a young family in a people's commune is shown. The pictures illustrate a usual day of their life, how they share the work between them, what they eat and how they use their money.

Language: Swedish
Audience: /Secondary education/, /age group/ 13-15
International interest: The material is of current interest. The teacher can use the slides without the sound recording.
Availability: Sale

Information agency: NSBE Stockholm

eav069

954
RESA I INDIEN PA 1860-TALET
(A JOURNEY IN INDIA IN THE EIGHTEEN-SIXTIES)
Sweden: Esselte Studium, 1975

SLIDE 19 slides: bw
PRINTED MATERIAL Pupil's booklet

Contents: In the eighteen-sixties a French writer made a journey through India. Afterwards he published a book about his experiences during this journey and illustrated it with his own drawings. This study material is based on his drawings and descriptions. The pictures show different aspects of life in India. They tell us about living conditions in the former English colony and they also show how people in the colonies were looked upon by the colonizers.

Language: Swedish
Audience: /Secondary education/, /age group/ 13-16
Use: /Lecture/ illustration, /group work/ or /individual work/ in geography. /Teaching objective/: to give the student information about India in the nineteenth century.
International interest: Pictures of this kind are seldom available for educational purposes. The pictures can be used without the pupil's booklet.
Availability: Sale

Information agency: NSBE Stockholm

eav056

968
PLUK EN PLOK IN AFRIKA, DEEL 1
(PLUK AND PLOK IN AFRICA, PART 1)

FULL CATALOGUING DETAILS ARE DISPLAYED AT 59(6)

973
AMERICAN HISTORY IN MUSIC
Sweden: Esselte Studium, 1975

SOUND RECORDING Tape (reel): 2 recordings: 72 min
PRINTED MATERIAL Book

Contents: Many historical events in American history are described in well-known songs. The material contains a couple of these songs from the first colonization to the conflicts of the society of today with songs of protest and political songs. The material is divided into three parts: 1. Songs relating to historical events. 2. Songs about immigrants and settlers and about the conquest of the West. 3. Songs relating to slavery and to the conflict of races.

Language: Swedish.
Audience: /Secondary education/, /age group/ 13-16.
Use: /Lecture/ illustration. /Teaching objective/: to show the students how events in American history are reflected in well-known songs.
International interest: The material shows an unusual way of illustrating historical events. In can also be used for integration of three subjects - history, /language teaching/ and music.
Availability: Sale.

Information agency: NSBE Stockholm
eav058

973
CHICAGO: A DAY IN THE CENTRAL BUSINESS DISTRICT
United Kingdom: The Open University, 1973

FILM 16mm, Sound: 25 min: col.
VIDEO RECORDING 1 inch Ampex 5103: 25 min: bw

Contents: A day in and around Chicago's "Loop", the famous central business district. The theme is to show how the diverse activities, good accessibility and highly intensive land use of this part of the city find expression in the striking appearance of the central business district.

Language: English.
Audience: /Undergraduates/.
Use: An Open University broadcast for students studying the second level course, Urban Development, supplementing the readings for the course.
International interest: The film has no commentary and there is, therefore, no language problem. It is of interest to anyone examining the characteristics of urban societies.
Availability: Hire or Sale.

Information agency: CET London
Reference number: DT 201/07
eav138

973
DE VERENIGDE STATEN VAN AMERIKA
(THE U.S.A.)
The Netherlands: Fibo-Beeldonderwijs B.V., 1971

SLIDE 30 slides: col.
PRINTED MATERIAL Booklet with a commentary on each picture.

Contents: Political and economic history of the U.S.A. from colonization till the first moonlanding.

Language: Dutch.
Audience: /Secondary education/, /age group/ 12-16.
Use: /Lecture/ illustration, / group work/, /self-instruction/ in history teaching.
International interest: Has already been sold in foreign countries.
Availability: Hire.

Information agency: NBLC The Hague
Reference number: Fibocolor 680
eav017

973
THE UNITED STATES OF AMERICA: A SELECTIVE HISTORY
United Kingdom: Hugh Baddeley Productions, 1974

FILMSTRIP 79 frames: col.
PRINTED MATERIAL Leaflet

Contents: Series of pictures providing a general historical introduction to a study of the USA. Leaflet contains commentary.

Language: English.
Audience: /Secondary education/.
Availability: Sale.

Information agency: CET London
Reference number: HB116/7
eav146

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